

## CD300E recombinant protein

Recombinant Mouse CD300E Protein (ECD, hFc Tag), HPLC-verified

|                               |                             |                            |
|-------------------------------|-----------------------------|----------------------------|
| CATALOG #<br><b>AAA259387</b> | HOST<br><b>HEK293 Cells</b> | REACTIVITY<br><b>Mouse</b> |
|-------------------------------|-----------------------------|----------------------------|

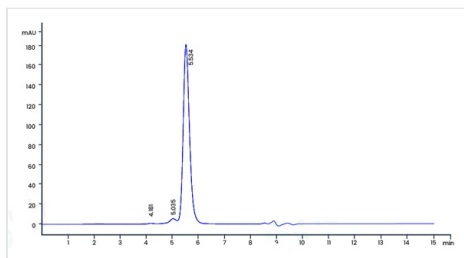
### PRODUCT SYNONYMS

CD300E; Recombinant Mouse CD300E Protein (ECD; hFc Tag); HPLC-verified; Mouse CD300E Protein (ECD; Fc Tag); CD300e molecule; Cd300e Protein; Mouse; Cd300le Protein; CLM2 Protein; TREM5 Protein; CD300E recombinant protein

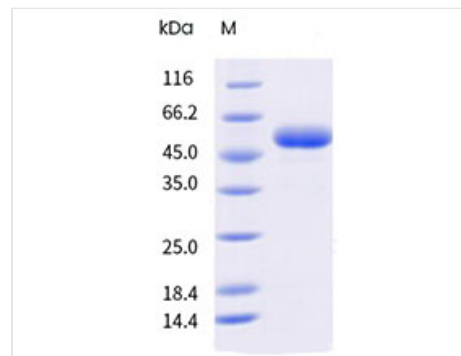
### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 Cells                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Reactivity              | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Purity/Purification     | >= 95% as determined by SDS-PAGE. >= 90% as determined by SEC-HPLC.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Form/Format             | Lyophilized from sterile PBS, pH 7.4. Normally 5%-8% trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.                                                                                                                                                                                                                                                                                                                                                                                                          |
| Sequence                | Leu18-Ser154                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Tag                     | N-human IgG1-Fc                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Predicted N Terminal    | Glu                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Endotoxin               | < 1.0 EU perug protein as determined by the LAL method.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Protein Construction    | A DNA sequence encoding the Mouse CD300E (NP_742047.1)(Leu18-Ser154) was fused with the Fc region of human IgG1 at the N-terminus.                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Preparation and Storage | <p>Samples are stable for up to twelve months from date of receipt at -20 degree C to -80 degree C. Store it under sterile conditions at -20 degree C to -80 degree C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.</p> <p>In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.</p> |

### IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

|                                                          |                                                 |
|----------------------------------------------------------|-------------------------------------------------|
| Product Categories/Family for CD300E recombinant protein | ITIM/ITAM Immunoreceptors and Related Molecules |
|----------------------------------------------------------|-------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                              |
|----------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 25286711                                                                                                                                                                     |
| NCBI GeneID                      | 217306                                                                                                                                                                       |
| NCBI Accession #                 | NP_742047.1                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_172050.2                                                                                                                                                                  |
| UniProt Accession #              | Q8K249                                                                                                                                                                       |
| Molecular Weight                 | 21,822 Da                                                                                                                                                                    |
| NCBI Official Full Name          | CMRF35-like molecule 2                                                                                                                                                       |
| NCBI Official Synonym Full Names | CD300e antigen                                                                                                                                                               |
| NCBI Official Symbol             | Cd300e                                                                                                                                                                       |
| NCBI Official Synonym Symbols    | CLM2; TREM5; Cd300le; BC034097                                                                                                                                               |
| NCBI Protein Information         | CMRF35-like molecule 2; CLM-2; CMRF-35-like molecule-1; CD300 antigen like family member E; CD300 antigen-like family member E; immune receptor expressed on myeloid cells 2 |
| UniProt Protein Name             | CMRF35-like molecule 2                                                                                                                                                       |
| UniProt Gene Name                | Cd300e                                                                                                                                                                       |
| UniProt Synonym Gene Names       | Cd300le; Clm2; CLM-2                                                                                                                                                         |
| UniProt Entry Name               | CLM2_MOUSE                                                                                                                                                                   |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/cd300e-recombinant-protein-hek293-cells/259387>