

## NKG2A/CD159a recombinant protein

Biotinylated Human NKG2A/CD159a Protein Recombinant

|           |                                                                                                                                         |
|-----------|-----------------------------------------------------------------------------------------------------------------------------------------|
| CATALOG # | HOST                                                                                                                                    |
| AAA76165  | HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.) |

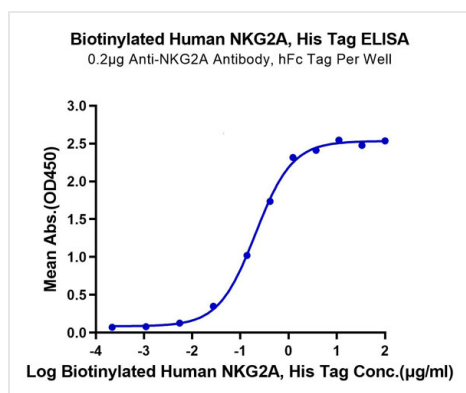
### PRODUCT SYNONYMS

NKG2A/CD159a; Biotinylated Human NKG2A/CD159a Protein Recombinant; NKG2A/CD159a recombinant protein

### PRODUCT SPECIFICATIONS

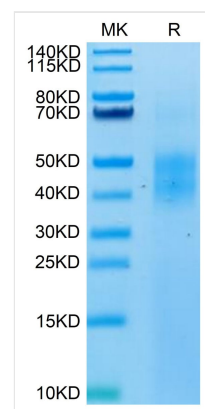
|                         |                                                                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)                                                                  |
| Purity/Purification     | >95%, as determined by SDS-PAGE and HPLC                                                                                                                                                                 |
| Form/Format             | Recombinant Human NKG2A&CD94 was lyophilized from 0.2 um filtered PBS solution pH7.4                                                                                                                     |
| Source                  | DNA sequence encoding Human NKG2A/CD159a including a N-His-Avi tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology. |
| Endotoxin               | Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).                                                                                 |
| Molecular Function      | Receptor                                                                                                                                                                                                 |
| Reconstitution          | Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM                                                                                                                         |
| Preparation and Storage | The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.                                                                                                             |

### IMAGES



#### ELISA

Biotinylated Human NKG2A/CD159a Protein ELISA Data: Immobilized Anti-NKG2A Antibody, hFc Tag at 2?g/ml (100?l/well) on the plate. Dose response curve for Biotinylated Human NKG2A, His Tag with the EC50 of 0.21?g/ml determined by ELISA.



#### Tris-Bis-PAGE

Biotinylated Human NKG2A/CD159a Protein Tris-Bis PAGE: Biotinylated Human NKG2A on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

### ADDITIONAL INFORMATION

Product Categories/Family for  
NKG2A/CD159a recombinant protein

Biotinylated proteins

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                 |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4504881                                                                                                                                                                                                                                                         |
| NCBI GeneID                      | 3821                                                                                                                                                                                                                                                            |
| NCBI Accession #                 | NP_002250.1                                                                                                                                                                                                                                                     |
| NCBI GenBank Nucleotide #        | NM_002259.4                                                                                                                                                                                                                                                     |
| UniProt Accession #              | P26715                                                                                                                                                                                                                                                          |
| Molecular Weight                 | 26,314 Da                                                                                                                                                                                                                                                       |
| NCBI Official Full Name          | NKG2-A/NKG2-B type II integral membrane protein isoform NKG2-A                                                                                                                                                                                                  |
| NCBI Official Synonym Full Names | killer cell lectin-like receptor subfamily C, member 1                                                                                                                                                                                                          |
| NCBI Official Symbol             | KLRC1                                                                                                                                                                                                                                                           |
| NCBI Official Synonym Symbols    | NKG2; NKG2A; CD159A                                                                                                                                                                                                                                             |
| NCBI Protein Information         | NKG2-A/NKG2-B type II integral membrane protein; NK cell receptor A; C-lectin type II protein; natural killer cell lectin; natural killer group protein 2; NKG2-1/B activating NK receptor; NKG2-A/B-activating NK receptor; CD159 antigen-like family member A |
| UniProt Protein Name             | NKG2-A/NKG2-B type II integral membrane protein                                                                                                                                                                                                                 |
| UniProt Gene Name                | KLRC1                                                                                                                                                                                                                                                           |
| UniProt Synonym Gene Names       | NKG2A                                                                                                                                                                                                                                                           |
| UniProt Entry Name               | NKG2A_HUMAN                                                                                                                                                                                                                                                     |

**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.

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Online datasheet: <https://stage.aaabiotech.com/klrc1-recombinant-protein-hek293-cells-note-host-protein-expression-may-be-lot-specific-and-can-be-subject-to-change-during-production-including-bulk-orders/76165>