

## VCP recombinant protein

Recombinant Mouse VCP Protein, N-His

|                               |                        |                                                      |
|-------------------------------|------------------------|------------------------------------------------------|
| CATALOG #<br><b>AAA120634</b> | HOST<br><b>E. coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page, ELISA</b> |
|-------------------------------|------------------------|------------------------------------------------------|

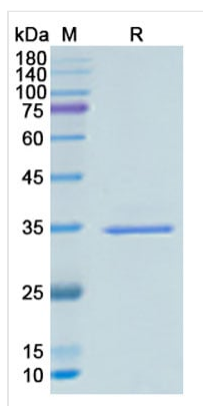
### PRODUCT SYNONYMS

VCP; Recombinant Mouse VCP Protein; N-His; Transitional endoplasmic reticulum ATPase; TER ATPase; 3.6.4.6; 15S Mg(2+)-ATPase p97 subunit; Valosin-containing protein; Vcp; VCP recombinant protein

### PRODUCT SPECIFICATIONS

|                                                     |                                                                                                                                                       |
|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                | E. coli                                                                                                                                               |
| Purity/Purification                                 | >90% as determined by SDS-PAGE.                                                                                                                       |
| Form/Format                                         | Lyophilized; Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.                                               |
| Applicable Applications for VCP recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, ELISA                                                                                                         |
| Endotoxin level                                     | Please contact with the lab for this information.                                                                                                     |
| Protein length                                      | Gly125-Ile371                                                                                                                                         |
| Nature                                              | Recombinant                                                                                                                                           |
| Reconstitution                                      | Reconstitute in sterile water for a stock solution. A copy of datasheet will be provided with the products, please refer to it for details.           |
| Species                                             | Mus musculus (Mouse)                                                                                                                                  |
| Preparation and Storage                             | In general, proteins are provided as lyophilized powder/frozen liquid. They are shipped out with dry ice/blue ice unless customers require otherwise. |

### IMAGES



SDS-PAGE

### ADDITIONAL INFORMATION

|                                                       |                      |
|-------------------------------------------------------|----------------------|
| Product Categories/Family for VCP recombinant protein | Recombinant Proteins |
|-------------------------------------------------------|----------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 225543319                                                                                                                                                             |
| NCBI GeneID                      | 269523                                                                                                                                                                |
| NCBI Accession #                 | NP_033529.3                                                                                                                                                           |
| NCBI GenBank Nucleotide #        | NM_009503.4                                                                                                                                                           |
| UniProt Accession #              | Q01853; Q3TFH9; Q3TIM2; Q3TXN9; Q6PI18; Q8BSR6; Q8CEG4                                                                                                                |
| Molecular Weight                 | 30 kDa                                                                                                                                                                |
| NCBI Official Full Name          | transitional endoplasmic reticulum ATPase                                                                                                                             |
| NCBI Official Synonym Full Names | valosin containing protein                                                                                                                                            |
| NCBI Official Symbol             | Vcp                                                                                                                                                                   |
| NCBI Official Synonym Symbols    | p97; CDC48; p97/VCP; 3110001E05                                                                                                                                       |
| NCBI Protein Information         | transitional endoplasmic reticulum ATPase; TER ATPase; Inv protein; AAA ATPase p97; homolog of yeast cdc48; valosin-containing protein; 15S Mg(2+)-ATPase p97 subunit |
| UniProt Protein Name             | Transitional endoplasmic reticulum ATPase                                                                                                                             |
| UniProt Gene Name                | Vcp                                                                                                                                                                   |
| UniProt Synonym Gene Names       | TER ATPase; VCP                                                                                                                                                       |
| UniProt Entry Name               | TERA_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.

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Online datasheet: <https://stage.aaabiotech.com/vcp-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-elisa/120634>