VCP Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	VCP, Recombinant Protein
Full Product Name	Recombinant Mouse VCP Protein, N-His
Product Gene Name	VCP recombinant protein
Product Synonym Names	Transitional endoplasmic reticulum ATPase; Valosin-containing protein; 15S Mg(2+)-ATPase p97 subunit; TER ATPase; VCP
Sequence	Met1-Gly80 6
Host	E coli
Form/Format	Lyophilized from a solution in PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Purity/Purification	>90% as determined by SDS-PAGE.
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 to -80 degree C for twelve months from the date of receipt.
Molecular Weight	89,322 Da
3D Structure	ModBase 3D Structure for Q01853
Species	Mus musculus (Mouse)
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.
Product Categories/Family for VCP recombinant protein	Recombinant Protein; Other Proteins; Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for VCP recombinant protein	ELISA (EIA), Immunogen, SDS-PAGE, Western Blot (WB), Bioactivity testing in progress
Related Product Information for VCP recombinant protein	MBS1587846 is a recombinant protein targeting VCP. Also known as Recombinant Mouse VCP Protein, N-His. Host: E coli.
Other Notes	Small volumes of VCP recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for VCP. It may not necessarily be applicable to this product.

NCBI GI #	225543319
NCBI GeneID	269523
NCBI Accession #	NP_033529.3
UniProt Primary Accession #	Q01853
UniProt Secondary Accession #	Q3TFH9; Q3TIM2; Q3TXN9; Q6PI18; Q8BSR6; Q8CEG4
UniProt Related Accession #	Q01853

GenBank Nucleotide #	NM_009503.4
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
UniProt Protein Name	Transitional endoplasmic reticulum ATPase
UniProt Synonym Protein Names	15S Mg(2+)-ATPase p97 subunit; Valosin-containing protein; VCP
Protein Family	Transitional endoplasmic reticulum ATPase
UniProt Gene Name	Vcp
UniProt Synonym Gene Names	TER ATPase; VCP
UniProt Entry Name	TERA_MOUSE
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
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