

Recombinant Human VCP protein, MYC/DDK-tagged

Cat. No. VCP-506H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human VCP fused with MYC/DDK tag at C-terminal was expressed in HEK293.
Species	Human
Source	HEK293
Description	The protein encoded by this gene is a member of a family that includes putative ATP-binding proteins involved in vesicle transport and fusion, 26S proteasome function, and assembly of peroxisomes. This protein, as a structural protein, is associated with clathrin, and heat-shock protein Hsc70, to form a complex. It has been implicated in a number of cellular events that are regulated during mitosis, including homotypic membrane fusion, spindle pole body function, and ubiquitin-dependent protein degradation.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	89.1 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	VCP valosin containing protein [Homo sapiens]
Official Symbol	VCP
Synonyms	VCP; valosin containing protein; transitional endoplasmic reticulum ATPase; IBMPFD; p97; TER ATPase; yeast Cdc48p homolog; valosin-containing protein; 15S Mg(2+)-ATPase p97 subunit; TERA; ALS14; MGC8560; MGC131997; MGC148092;
Gene ID	7415
mRNA Refseq	NM_007126
Protein Refseq	NP_009057
MIM	601023
UniProt ID	P55072
Chromosome Location	9p13
Pathway	DNA Repair, organism-specific biosystem; Fanconi Anemia pathway, organism-specific biosystem; HRD1/SEL1 ERAD complex, organism-specific biosystem; HRD1/SEL1 ERAD complex, conserved biosystem; IL-9 Signaling Pathway, organism-specific biosystem; Legionellosis, organism-specific biosystem; Legionellosis, conserved biosystem;
Function	ATP binding; ATPase activity; hydrolase activity; identical protein binding; lipid binding; nucleotide binding; polyubiquitin binding; protein binding; protein domain specific binding; protein phosphatase binding; receptor binding;

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