

## Recombinant Human CHMP2B Protein, MYC/DDK-tagged

Cat. No. CHMP2B-3235H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CHMP2B protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a component of the heteromeric ESCRT-III complex (Endosomal Sorting Complex Required for Transport III) that functions in the recycling or degradation of cell surface receptors. ESCRT-III functions in the concentration and invagination of ubiquitinated endosomal cargos into intraluminal vesicles. The protein encoded by this gene is found as a monomer in the cytosol or as an oligomer in ESCRT-III complexes on endosomal membranes. It is expressed in neurons of all major regions of the brain. Mutations in this gene result in one form of familial frontotemporal lobar degeneration.
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	23.7 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

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<b>Gene Name</b>	CHMP2B charged multivesicular body protein 2B [ Homo sapiens ]
<b>Official Symbol</b>	CHMP2B
<b>Synonyms</b>	ALS17; CHMP2.5; DMT1; VPS2-2; VPS2B
<b>Gene ID</b>	25978
<b>mRNA Refseq</b>	NM_001244644
<b>Protein Refseq</b>	NP_001231573
<b>UniProt ID</b>	Q9UQN3

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