

Recombinant Human CHMP2B Protein, MYC/DDK-tagged

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

SPECIFICATION

Product Overview	Recombinant Human CHMP2B protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	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.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	23.7 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	CHMP2B charged multivesicular body protein 2B [Homo sapiens]
Official Symbol	CHMP2B
Synonyms	ALS17; CHMP2.5; DMT1; VPS2-2; VPS2B
Gene ID	25978
mRNA Refseq	NM_001244644
Protein Refseq	NP_001231573
UniProt ID	Q9UQN3

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