Recombinant Human CHMP2B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CHMP2B-5021H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CHMP2B MS Standard C13 and N15-labeled recombinant protein (NP_054762) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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 intralumenal 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.
Molecular Mass	23.7 kDa
AA Sequence	MASLFKKKTVDDVIKEQNRELRGTQRAIIRDRAALEKQEKQLELEIKKMAKIGNKEAC KVLAKQLVHLRKQKTRTFAVSSKVTSMSTQTKVMNSQMKMAGAMSTTAKTMQAVN KKMDPQKTLQTMQNFQKENMKMEMTEEMINDTLDDIFDGSDDEEESQDIVNQVLDE IGIEISGKMAKAPSAARSLPSASTSKATISDEEIERQLKALGVDTRTRPLEQKLISEEDL AANDILDYKDDDDKV

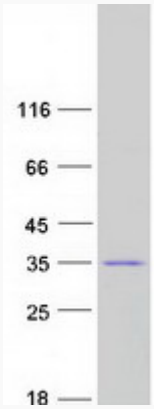
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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CHMP2B charged multivesicular body protein 2B [Homo sapiens (human)]
Official Symbol	CHMP2B
Synonyms	CHMP2B; charged multivesicular body protein 2B; chromatin modifying protein 2B; charged multivesicular body protein 2b; CHMP2.5; DKFZP564O123; VPS2 homolog B (S. cerevisiae); VPS2B; VPS2 homolog B; vacuolar protein-sorting-associated protein 2-2; DMT1; VPS2-2; DKFZp564O123;
Gene ID	25978
mRNA Refseq	NM_014043
Protein Refseq	NP_054762
MIM	609512
UniProt ID	Q9UQN3

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SDS-PAGE	

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