

Recombinant Full Length Human CHMP2B Protein

Cat. No. CHMP2B-79HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length protein corresponding to amino acids 1-213 of Human CHMP2B with a propeitrary tag; predicted mwt: 49.06 kDa.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	213 amino acids
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	Liquid
Molecular Mass	49.060kDa inclusive of tags
AA Sequence	MASLFKKKTVDDVIKEQNRELRGTRQRAIIRDRAALEKQEKQLELEIKKMAKIGNKEAC KVLAKQLVHLRKQKTRTFVSSKVTSMSTQTKVMNSQMKMAGAMSTTAKTMQAVN KKMDPQKTLQTMQNFQKENMKMEMTEEMINDTLDDIFDGSDDEEESQDIVNQVLDE

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IGIEISGKMAKAPSAARSLPSASTSKATISDEEIERQLKALGVD

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

GENE INFORMATION

Gene Name CHMP2B charged multivesicular body protein 2B [Homo sapiens]

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

Gene ID 25978

mRNA Refseq NM_001244644

Protein Refseq NP_001231573

MIM 609512

UniProt ID Q9UQN3

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