

# Recombinant Full Length Human CHMP2B Protein

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

## SPECIFICATION

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

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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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