

# Recombinant Full Length Human CHMP2B Protein, GST-tagged

**Cat. No.** CHMP2B-3206HF    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

Human CHMP2B full-length ORF (AAH01553.1, 1 a.a. - 213 a.a.) recombinant protein with GST-tag at N-terminal.

### 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. [provided by RefSeq, Jul 2008]

### Molecular Mass

49.17 kDa

### AA Sequence

MASLFKKKTVDVVIKEQNREL RGTQRAIIRDRAALEKQE KLELEIKKMAKIGNKEAC  
KVLAKQLVHLR KQKTRTFVSSKVTSMSTQTKVMNSQMKMAGAMSTTAKTMQAVN  
KKMDPQKTLQTMQNFQKENMKMEMTEEMINDTLDDIFDGSDDEEESQDIVNQLVDE  
IGIEISGKMAKAPSAARSLPSASTSKATISDEEIERQLKALGVD

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Storage</b>	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	CHMP2B charged multivesicular body protein 2B [ Homo sapiens ]
<b>Official Symbol</b>	CHMP2B
<b>Synonyms</b>	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;
<b>Gene ID</b>	25978
<b>mRNA Refseq</b>	NM_001244644
<b>Protein Refseq</b>	NP_001231573
<b>MIM</b>	609512
<b>UniProt ID</b>	Q9UQN3

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