

Recombinant Human CHMP2B Protein, GST-Tagged

Cat. No. CHMP2B-1250H 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	Wheat Germ
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	MASLFKKKTVDVVIKEQNRELRGTRQRAIIRDRAALEKQEKQLELEIKKMAKIGNKEAC KVLAKQLVHLRKQKTRTFVSSKVTSMSSTQTKVMNSQMKMAGAMSTTAKTMQAVN KKMDPQKTLQTMQNFQKENMKMEMTEEMINDTLDDIFDGSDDEEESQDIVNQVLDE IGIEISGKMAKAPSAARSLPSASTSKATISDEEIERQLKALGVD
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Antibody Production
Protein Array

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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; VPS2 homolog B; vacuolar protein-sorting-associated protein 2-2; DMT1; VPS2-2; DKFZp564O123;

Gene ID 25978

mRNA Refseq NM_001244644

Protein Refseq NP_001231573

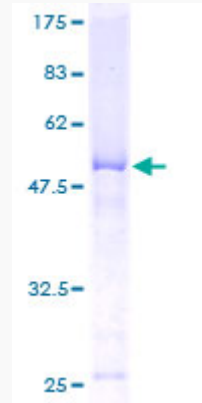
UniProt ID Q9UQN3

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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