

Product datasheet for **TP301532M**

CHMP2B (NM_014043) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins

Description: Recombinant protein of human chromatin modifying protein 2B (CHMP2B), 100 µg

Species: Human

Expression Host: HEK293T

Expression cDNA >RC201532 representing NM_014043

Clone or AA **Red**=Cloning site **Green**=Tags(s)

Sequence:

MASLFKKKTVDVVIKEQNRELRTQRAIIRDRAALEKQEKQLELEIKKMAKIGNKEACKVLAKQLVHLRK
QKTRTFVSSKVTSMSTQTKVMNSQMKGAMSTTAKTMQAVNKKMDPQKTLQTMQNFQENMKMEMTEE
MINDTLDDIFDGSDDDEESQDIVNQLVLEIGIEISGKMAKAPSAARSLPSASTSKATISDEEIERQLKAL
GVD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

Predicted MW: 23.7 kDa

Concentration: >0.05 µg/µL as determined by microplate BCA method

Purity: > 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

Preparation: Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

RefSeq: [NP_054762](#)

Locus ID: 25978

UniProt ID: [Q9UQN3](#), [B2RE76](#)



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RefSeq Size: 2410

Cytogenetics: 3p11.2

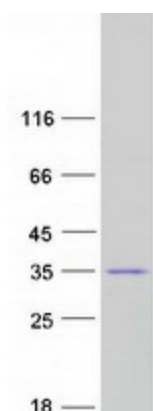
RefSeq ORF: 639

Synonyms: ALS17; CHMP2.5; DMT1; FTDALS7; VPS2-2; VPS2B

Summary: 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]

Protein Pathways: Endocytosis

Product images:



Coomassie blue staining of purified CHMP2B protein (Cat# [TP301532]). The protein was produced from HEK293T cells transfected with CHMP2B cDNA clone (Cat# [RC201532]) using MegaTran 2.0 (Cat# [TT210002]).