

Product datasheet for **AR39055PU-L**

CHMP2B (1-213, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CHMP2B (1-213, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> MASLFKKKTV DDVIKEQNRE LRGTQRARIIR DRAALEKQEK QLELEIKKMA KIGNKEACKV LAKQLVHLRK QKTRTFVAVSS KVTSMTSTQTK VMNSQMKMAG AMSTTAKTMQ AVNKKMDPQK TLQTMQNFQK ENMKMEMTEE MINDTLDDIF DGSDDEEESQ DIVNQLDEI GIEISGKMAK APSAARSLPS ASTSKATISD EEIERQLKAL GVD
Tag:	His-tag
Predicted MW:	26.1 kDa
Concentration:	lot specific
Purity:	>90%
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 1 mM DTT, 0.1M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human CHMP2B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	<u>NP_001231573</u>
Locus ID:	25978
UniProt ID:	<u>Q9UQN3</u> , <u>B2RE76</u>
Cytogenetics:	3p11.2
Synonyms:	ALS17; CHMP2.5; DMT1; FTDALS7; VPS2-2; VPS2B



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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: