Recombinant Human CHMP2B, His-tagged

Cat. No. CHMP2B-11185H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHMP2B protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	1-213a.a.
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 intralumenal 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.
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 300mM Imidazole and 0.7% Sarcosyl, 15%glycerol.

GENE INFORMATION

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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
Chromosome Location	3p12.1
Pathway	ESCRT-III complex, organism-specific biosystem; Endocytosis, organism-specific biosystem; Endocytosis, conserved biosystem; Endosomal Sorting Complex Required For Transport (ESCRT), organism-specific biosystem; Membrane Trafficking, organism-specific biosystem;
Function	protein domain specific binding;

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