

Recombinant Human Chromatin Modifying Protein 2B, His-tagged

Cat. No. CHMP2B-4985H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human CHMP2B protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	Human
Description	CHMP2B belongs to the vacuolar sorting protein family. It is a component of the ESCRT-III complex. This complex is crucial for sorting endosomal articles into multivesicular bodies (MVBs), and are also required for the formation of these bodies. CHMP2B widely expressed in brain, heart, skeletal muscle, small intestine, pancreas, lung, placenta and leukocytes.
Concentration	0.5 mg/ml
Form	Supplied as a liquid in 20mM Tris-HCl buffer, pH 8.0, containing 10% glycerol, 1mM DTT and 0.1M NaCl.
Purity	> 90 % by SDS - PAGE
Sequence	1-213 amino acids: MGSSHHHHHH SSGLVPRGSH MASLFKKKTV DDVIKEQNRE LRGTQRAIR DRAALEKQEK QLELEIKKMA KIGNKEACKV LAKQLVHLRK QKTRTFAVSS KVTSMSTQTK VMNSQMKMAG AMSTTAKTMQ AVNKKMDPQK TLQTMQNFQK ENMKMEMTEE MINDTLDDIF DGSDDEEESQ DIVNQVLDEI

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	GIEISGKMAK APSAARSLPS ASTSK
Molecular Mass	26.1 kDa
Applications	SDS-PAGE
Storage	Store at 4 deg C for short term storage (1/2 weeks). Aliquot and store at -20 deg C or - 70 deg C for long term storage. Avoid repeated freeze/thaw cycles.
GENE INFORMATION	
Gene Name	CHMP2B chromatin modifying protein 2B [Homo sapiens]
Official Symbol	CHMP2B
Synonyms	CHMP2B; DMT1; VPS2B; VPS2-2; CHMP2.5; DKFZp564O123; charged multivesicular body protein 2b; hVps2-2; VPS2 homolog B; OTTHUMP00000213795; OTTHUMP00000213812; OTTHUMP00000213813; chromatin-modifying protein 2b; vacuolar protein sorting-associated protein 2-2
Gene ID	25978
mRNA Refseq	NM_014043
Protein Refseq	NP_054762
MIM	609512
UniProt ID	Q9UQN3
Chromosome Location	3p11.2

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Pathway	ESCRT-III complex; Endocytosis; Endosomal Sorting Complex Required For Transport (ESCRT); Membrane Trafficking
Function	protein domain specific binding

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