

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 SGLVPRGSH MASLFKKKTV DDVIKEQNRE LRGTQRAIR DRAALEKQEK QLELEIKKMA KIGNKEACKV LAKQLVHLRK QKTRTFAVSS KVTSMSSTQTK VMNSQMKMAG AMSTTAKTMQ AVNKKMDPQK TLQTMQNFQK ENMKMEMTEE MINDTLDDIF DGSDDEEESQ DIVNQLDEI

 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

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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