Recombinant Human CHMP6, His-tagged

Cat. No. CHMP6-27071TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 59-201 of Human CHMP6 with an N-terminal His Tag, approximately 28kDa
Species	Human
Source	E.coli
ProteinLength	59-201 a.a.
Description	CHMP6 belongs to the chromatin-modifying protein/charged multivesicular body protein (CHMP) family. These proteins are components of ESCRT-III (endosomal sorting complex required for transport III), a complex involved in degradation of surface receptor proteins and formation of endocytic multivesicular bodies (MVBs). Some CHMPs have both nuclear and cytoplasmic/vesicular distributions, and one such CHMP, CHMP1A (MIM 164010), is required for both MVB formation and regulation of cell cycle progression (Tsang et al.
Conjugation	HIS
Form	Lyophilised:reconstitution with 88 µl aqua dest.
Storage buffer	Preservative: NoneConstituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5
Storage	Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.

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Sequences of amino acids	RAKLLLKKKRYQEQLLDRTENQISSLEAMVQSIEFTQIEM KVMEGLQFGNECLNKM HQVMSIEEVERILDETQEAVEY QRQIDELLAGSFTQEDEDAILEELSAITQEQIELPEV PSEPLPEKIPENVPVKARPRQAELVAAS

GENE INFORMATION

Gene Name	CHMP6 charged multivesicular body protein 6 [Homo sapiens]
Official Symbol	CHMP6
Synonyms	CHMP6; charged multivesicular body protein 6; chromatin modifying protein 6; FLJ11749; VPS20;
Gene ID	79643
mRNA Refseq	NM_024591
Protein Refseq	NP_078867
MIM	610901
Uniprot ID	Q96FZ7
Chromosome Location	17q25.3
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;

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Function	protein N-terminus binding;

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