

## Recombinant Human CHMP6, His-tagged

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

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant fragment, corresponding to amino acids 59-201 of Human CHMP6 with an N-terminal His Tag, approximately 28kDa   |
| <b>Species</b>          | Human  |
| <b>Source</b>           | E.coli   |
| <b>ProteinLength</b>    | 59-201 a.a.  |
| <b>Description</b>      | 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. |
| <b>Conjugation</b>      | HIS  |
| <b>Form</b>             | Lyophilised:reconstitution with 88 µl aqua dest.   |
| <b>Storage buffer</b>   | Preservative: None<br>Constituents: 0.5% Trehalose, 6M Urea, 100mM Sodium phosphate, 10mM Sodium chloride, pH 4.5  |
| <b>Storage</b>          | Shipped at 4°C. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.  |

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**Sequences of amino acids** RAKLLKKRYQEQLLDRTENQISSLEAMVQSIEFTQIEM KVMEGLQFGNECLNKM  
HQVMSIEEVERILDETQEAVEY QRQIDELLAGSFTQEDEDAILLELSAITQEQIELPEV  
PSEPLPEKIPENVPVKARPRQAEVAAS

## 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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