

Product datasheet for **TP331013M**

CHMP5 (NM_001195536) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens chromatin modifying protein 5 (CHMP5), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC231013 representing NM_001195536 Red =Cloning site Green =Tags(s) MNRLFGKAKPKAPPPSLTDCIGTVDSRAESIDKKISRLDAELVKYKDQIKKMREGPAKNMVKQKALRVLK QKRMYEQRDNLAQQSFNMEQANYTIQSLKDTKTVDAMKLGVKEMKKAYQVKIDQIEDLQDQLEDMMME DANEIQEALSRSYGTPELDEDDLEAGWSSGG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	20
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	NULL or Add: Recombinant proteins was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_001182465
Locus ID:	51510
UniProt ID:	Q9NZZ3 , Q9NZZ3-2



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Cytogenetics: 9p13.3

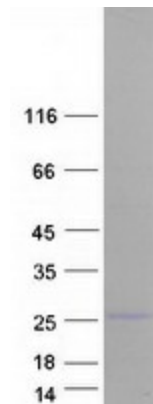
RefSeq ORF: 513

Synonyms: C9orf83; CGI-34; HSPC177; PNAS-2; SNF7DC2; Vps60

Summary: CHMP5 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., 2006 [PubMed 16730941]).[supplied by OMIM, Mar 2008]

Protein Pathways: Endocytosis

Product images:



Coomassie blue staining of purified CHMP5 protein (Cat# [TP331013]). The protein was produced from HEK293T cells transfected with CHMP5 cDNA clone (Cat# [RC231013]) using MegaTran 2.0 (Cat# [TT210002]).