

## Product datasheet for **TP320006**

### VPS24 (CHMP3) (NM\_016079) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human vacuolar protein sorting 24 homolog ( <i>S. cerevisiae</i> ) (VPS24), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC220006 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MGLFGKTQEKPPELVNEWLSLKIRKEMRWDRQIRDIQREEEKVKRSVKDAAKKGQKDVLCIVLAKEMIRS RKAVSKLYASKAHMNSVLMGMKNQLAVLRVAGSLQKSTEVMMKAMQSLVKIPEIQATMRELSKEMMKAGI   EEMLEDTFESMDDQEEMEEEAEMEIDRILFEITAGALGKAPSKVTDALPEPEPPGAMAASEDEEEEEAL EAMQSRLATLRS
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	24.9 kDa
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:	Recombinant protein 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:	<u><a href="#">NP_057163</a></u>
Locus ID:	51652



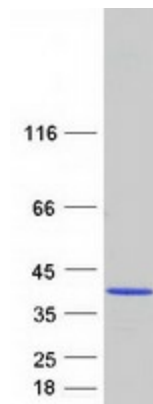
[View online »](#)

UniProt ID: [Q9Y3E7](#)  
RefSeq Size: 3194  
Cytogenetics: 2p11.2  
RefSeq ORF: 666  
Synonyms: CGI-149; NEDF; VPS24

**Summary:** This gene encodes a protein that sorts transmembrane proteins into lysosomes/vacuoles via the multivesicular body (MVB) pathway. This protein, along with other soluble coiled-coil containing proteins, forms part of the ESCRT-III protein complex that binds to the endosomal membrane and recruits additional cofactors for protein sorting into the MVB. This protein may also co-immunoprecipitate with a member of the IFG-binding protein superfamily. Alternative splicing results in multiple transcript variants. Read-through transcription also exists between this gene and the upstream ring finger protein 103 (RNF103) gene. [provided by RefSeq, Nov 2010]

**Protein Pathways:** Endocytosis

### Product images:



Coomassie blue staining of purified CHMP3 protein (Cat# TP320006). The protein was produced from HEK293T cells transfected with CHMP3 cDNA clone (Cat# [RC220006]) using MegaTran 2.0 (Cat# [TT210002]).