

## Product datasheet for PH320006

### VPS24 (CHMP3) (NM\_016079) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	VPS24 MS Standard C13 and N15-labeled recombinant protein (NP_057163)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC220006
Predicted MW:	25.1 kDa
Protein Sequence:	>RC220006 protein sequence Red=Cloning site Green=Tags(s)  MGLFGKTQEKPPKELVNEWSLKIRKEMRVVDRQIRDIQREEEKVKRSVKDAAKKGQKDVCIVLAKEMIRS RKAVSKLYASKAHMNSVLMGMKNQLAVLRVAGSLQKSTEVKAMQSLVKIPEIQATMRELSKEMMKAGII EEMLEDTFESMDDQEEMEEEAEMEIDRILFEITAGALGKAPSKVTDALPEPEPPGAMAASEDEEEEEAL EAMQSRLATLRS  TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_057163</a>
RefSeq Size:	3194
RefSeq ORF:	666
Synonyms:	CGI-149; NEDF; VPS24
Locus ID:	51652
UniProt ID:	<a href="#">Q9Y3E7</a>



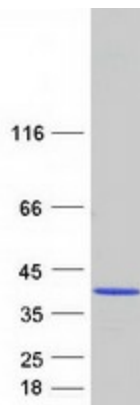
[View online »](#)

**Cytogenetics:** 2p11.2

**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]).