

Recombinant Human CHMP3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. CHMP3-6095H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

VPS24 MS Standard C13 and N15-labeled recombinant protein (NP_057163) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

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.

Molecular Mass

25.1 kDa

AA Sequence

MGLFGKTQEKPPKELVNEWSLKIRKEMRVVDRQIRDIQREEEKVKRSVKDAAKKGQ
 KDVCIVLAKEMIRSRKAVSKLYASKAHMNSVLMGMKNQLAVLRVAGSLQKSTVMMK
 AMQSLVKIPEIQATMRELSKEMMKAGIIEEMLEDTFESMDDQEEMEEEAEMEIDRILF
 EITAGALGKAPSKVTDALPEPEPPGAMAASEDEEEEEEALEAMQSRLATLRSTRTRP
 LEQKLISEEDLAANDILDYKDDDDKV

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Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	CHMP3 charged multivesicular body protein 3 [Homo sapiens (human)]
Official Symbol	CHMP3
Synonyms	CHMP3; charged multivesicular body protein 3; NEDF; VPS24; CGI-149; charged multivesicular body protein 3; 25.1 protein; CHMP family, member 3; chromatin-modifying protein 3; neuroendocrine differentiation factor; vacuolar protein sorting 24 homolog; vacuolar protein sorting-associated protein 24
Gene ID	51652
mRNA Refseq	NM_016079
Protein Refseq	NP_057163
MIM	610052
UniProt ID	Q9Y3E7

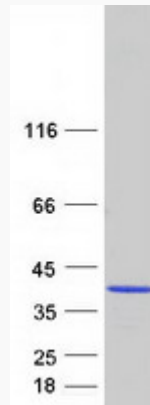
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SDS-PAGE



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