

## Recombinant Human CHMP3 Protein, MYC/DDK-tagged

Cat. No. CHMP3-3234H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human CHMP3 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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.
<b>Form</b>	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
<b>Molecular Mass</b>	24.9 kDa
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining
<b>Concentration</b>	>50 ug/mL as determined by microplate BCA method

### GENE INFORMATION

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA



<b>Gene Name</b>	CHMP3 charged multivesicular body protein 3 [ Homo sapiens ]
<b>Official Symbol</b>	CHMP3
<b>Synonyms</b>	CGI-149; NEDF; VPS24
<b>Gene ID</b>	51652
<b>mRNA Refseq</b>	NM_016079.3
<b>Protein Refseq</b>	NP_057163.1
<b>MIM</b>	610052
<b>UniProt ID</b>	Q9Y3E7

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