

# Recombinant Human VPS13B Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** VPS13B-4951H    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	VPS13B MS Standard C13 and N15-labeled recombinant protein (NP_858047) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	This gene encodes a potential transmembrane protein that may function in vesicle-mediated transport and sorting of proteins within the cell. This protein may play a role in the development and the function of the eye, hematological system, and central nervous system. Mutations in this gene have been associated with Cohen syndrome. Multiple splice variants encoding distinct isoforms have been identified for this gene.
<b>Molecular Mass</b>	47 kDa
<b>AA Sequence</b>	<p>MLESYVTPILMSYVNRYIKNLKPSDLQLSLWGGDVVLSKLELKLDVLEQELKLPFTFL            SGHIHELRIHVPWTKLGSEPVVITINTMECILKLDGIQDDHESCGSNSTNRSTAESTK            SSIKPRRMQQAAPTDPDLPPGYVQSLIRRVNINNIVINLILKYVEDDIVLSVNITSAE            CYTVGELWDRAFMDISATDLVLRKVINFS DCTVCLDKRNASGKIEFYQDPLLYKCSF            RTRLHFTYENLNSKMPSVIKIHTLVESLKLSITDQQLPMFIRIMQLGIALYYGEIGNFKE            GEIEDLTCHNKDMLGNITGSEDETRIDMQYPAQHKGQELYSQQDEEQPQGWWVSWA            WSFVPAIVSYDDGEEDFVGNDPASTMHQQAQTLKDPIVSIGFYCTKATVTFKVGLF            SCCLYLYQLTRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>

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

## GENE INFORMATION

<b>Gene Name</b>	VPS13B vacuolar protein sorting 13 homolog B [ Homo sapiens (human) ]
<b>Official Symbol</b>	VPS13B
<b>Synonyms</b>	VPS13B; vacuolar protein sorting 13 homolog B; CHS1; COH1; vacuolar protein sorting-associated protein 13B
<b>Gene ID</b>	157680
<b>mRNA Refseq</b>	NM_181661
<b>Protein Refseq</b>	NP_858047
<b>MIM</b>	607817
<b>UniProt ID</b>	Q7Z7G8

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