

Recombinant Human VPS36 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. VPS36-1808H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

VPS36 MS Standard C13 and N15-labeled recombinant protein (NP_057159) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

This gene encodes a protein that is a subunit of the endosomal sorting complex required for transport II (ESCRT-II). This protein complex functions in sorting of ubiquitinated membrane proteins during endocytosis. A similar protein complex in rat is associated with RNA polymerase elongation factor II.

Molecular Mass

43.8 kDa

AA Sequence

MDRFVWTSGLLEINETLVIQQRGVRIYDGEEKIKFDAGTLLLSTHRLIWRDQKNHECC
 MAILLSQIVFIEEQAAGIGKSAKIVVHLHPAPPNKEPGPFQSSKNSYIKLSFKEHGQIEF
 YRRLSEEMTQRRWENMPVSQSLQTNRGPQPGRIRAVGIVGIERKLEEKRKETDKNI
 SEAFEDLSKLMIAKEMVELSKSIANKIKDKQGDITEDETIRFKSYLLSMGIANPVTR
 TYGSGTQYHMQLAKQLAGILQVPLEERGGIMSLTEVYCLVNRARGMELLSPEDLVN
 ACKMLEALKLPLRLRVFDSGVMVIELQSHKEEMVASALETVSEKGSALTSEEFKLV
 GMSVLLAKERLLLLAEKMGHLCRDDSVGLRFYPNLFMTQSTRTRPLEQKLISEEDLA
 ANDILDYKDDDDKV

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

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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	VPS36 vacuolar protein sorting 36 homolog [Homo sapiens (human)]
Official Symbol	VPS36
Synonyms	VPS36; vacuolar protein sorting 36 homolog (S. cerevisiae); C13orf9, chromosome 13 open reading frame 9, vacuolar protein sorting 36 homolog (yeast); vacuolar protein-sorting-associated protein 36; CGI 145; Eap45; ELL-associated protein, 45 kDa; ESCRT-II complex subunit VPS36; ELL-associated protein of 45 kDa; EAP45; C13orf9; CGI-145; DKFZp781E0871;
Gene ID	51028
mRNA Refseq	NM_016075
Protein Refseq	NP_057159
MIM	610903
UniProt ID	Q86VN1

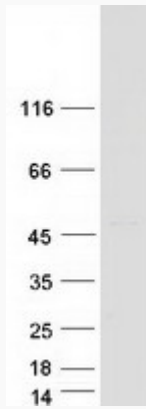
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SDS-PAGE



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