

Recombinant Human VPS29 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. VPS29-016H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	VPS29 MS Standard C13 and N15-labeled recombinant protein (NP_476528) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene belongs to a group of vacuolar protein sorting (VPS) genes that, when functionally impaired, disrupt the efficient delivery of vacuolar hydrolases. The protein encoded by this gene is a component of a large multimeric complex, termed the retromer complex, which is involved in retrograde transport of proteins from endosomes to the trans-Golgi network. This VPS protein may be involved in the formation of the inner shell of the retromer coat for retrograde vesicles leaving the prevacuolar compartment. Alternative splice variants encoding different isoforms and representing non-protein coding transcripts have been found for this gene.
Molecular Mass	20.9 kDa
AA Sequence	MAGHRLVLVLGDLHIPHRCNSLPAKFKLLVPGKIQHILCTGNLCTKESYDYLKTLAG DVHIVRGDFDENLNYPEQKVVTVGQFKIGLIHGHQVIPWGDMASLALLQRQFDVDILI SGHTHKFEAFEHENKFYINPGSATGAYNALETNIIPSFVLMIDIQASTVVTYVYQLIGDD VKVERIEYKKPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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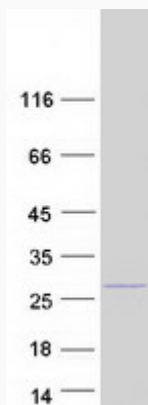
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	VPS29 VPS29 retromer complex component [Homo sapiens (human)]
Official Symbol	VPS29
Synonyms	VPS29; VPS29 retromer complex component; DC7; DC15; PEP11; vacuolar protein sorting-associated protein 29; PEP11 homolog; epididymis secretory sperm binding protein; hVPS29; retromer protein; vacuolar protein sorting 29 homolog; vacuolar sorting protein VPS29/PEP11; vesicle protein sorting 29; x 007 protein; EC 3.1.3.3
Gene ID	51699
mRNA Refseq	NM_057180
Protein Refseq	NP_476528
MIM	606932
UniProt ID	Q9UBQ0

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SDS-PAGE

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