

Product datasheet for TP309474

VPS11 (NM_021729) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human vacuolar protein sorting 11 homolog (<i>S. cerevisiae</i>) (VPS11), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC209474 representing NM_021729
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAAYLQWRRFVFFDKELVKEPLSNDGAAPGATPASGSAASKFLCLPPGITVCDSSGRGSLVFGDMEGQIWF
LPRSLQLTGFQAYKLRVTHLYQLKQHNILASVGEDEEGINPLVKIWNLEKRDGGNPLCTRIFPAIPGTGP
TVVSCLTVHENLNFMAIGFTDGSVTLNKGDITRDRHSKTQILHKGNYPTGLAFRQAGKTTHLFVVTEN
VQSYIVSGKDYPVELDTHGCGLRCSALSDPSQDLQFIVAGDECYVLYQPDERGPCFAFEGHKLIAHWFR
GYLIIVSRDRKVPKSEFTSRDSQSSDKQILNIYDLCNKFIAYSTVFEDVVDVLAEWGSLYVLRDGRVH
ALQEKDTQTKLEMLFKKNLFEMAINLAKSQHLSDGLAQIFMQYGDHLYSKGNHGDGAVQQYIRTIGKLEP
SYVIRKFLDAQRIHNLTAYLQTLHRQSLANADHTLLNCYTKLKDSSKLEEFIKKKSESEVHFDVETAI
KVLQRAGYYSHALYLAENHAHHEWYLKIQLEDIKNYQEALRYIGKLPFEQAESNMKRYGKILMHHIPEQT
TQLLKGLCTDYRPSLEGRSDREAPGCRANSEEFIPFANNPRELKAFLEHMSEVQPDSPQGIYDTLLELR
LQNWAHEKDPQVKEKLHAEAISLLKSGRFCDVFDKALVLCQMHDQDGVLYLYEQGKLFQIMHYHMQHE
QYRQVISVCERHGEQDPSLWEQALSYPARKEEDCKEYVAAVLKHIENKNLMPPLLVQTLAHNSTATLSV
IRDYLVQKLQKQSQIAQDELVRVRYREETTRIRQEIQLKASPKIFQKTKCSICNSALELPSVHFLCGH
SFHQHCFESYSESDADCPTCLPENRKVMDMIRAQEQKRDLDQFQHLRCSNDSFSVIADYFGRGVFNKL
TLLTDPPTARLTSSLEAGLQRDLLMHSRRGT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

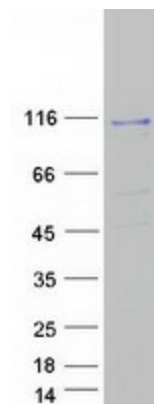
Tag:	C-Myc/DDK
Predicted MW:	107.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol



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Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_068375
Locus ID:	55823
UniProt ID:	Q9H270 , A0A087WXL6 , B7Z879
RefSeq Size:	3279
Cytogenetics:	11q23.3
RefSeq ORF:	2823
Synonyms:	END1; HLD12; hVPS11; PEP5; RNF108
Summary:	Vesicle mediated protein sorting plays an important role in segregation of intracellular molecules into distinct organelles. Genetic studies in yeast have identified more than 40 vacuolar protein sorting (VPS) genes involved in vesicle transport to vacuoles. This gene encodes the human homolog of yeast class C Vps11 protein. The mammalian class C Vps proteins are predominantly associated with late endosomes/lysosomes, and like their yeast counterparts, may mediate vesicle trafficking steps in the endosome/lysosome pathway. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Feb 2014]
Protein Families:	Druggable Genome

Product images:



Coomassie blue staining of purified VPS11 protein (Cat# TP309474). The protein was produced from HEK293T cells transfected with VPS11 cDNA clone (Cat# [RC209474]) using MegaTran 2.0 (Cat# [TT210002]).