

## Product datasheet for TP511256

### Vps11 (NM\_027889) Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse VPS11, CORVET/HOPS core subunit (Vps11), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA	>MR211256 representing NM_027889
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MAAYLQWRRFVFFEKELVKEPLGNDGAAPGAAPVSGSAASKFLCLPPGITVCDSSGRGSLVFGDMEGQIWF  
LPRSLQLTGFQAYKLRVTHLYQLKQHNILASVGEDEEGINPLVKIWNLEKRDGGNPLCTRIFPAIPGTEP  
TVVSCLTVHENLNFMAIGFTDGSVTLNKGDITRDRHSKTQILHKGNYPTGLAFRQAGKTTHLFWVTEN  
VQSYIVSGKDYPVELDTHGCGLRCSALSDPSQDLQFIVAGDECYVLYQPDERGPCFAFEGHKLIVHWFR  
GYLVIVSRDRKVSPKSEFTSRDSQNSDKQILNIYDLCNKFIAYSAGFEDIVDLAEWGSLYVLTRDGRVH  
ALQEKDTQTKLEMLFKKNLFEMAINLAKSQHLDSGLAQIFMQYGDHLYSKGNHDGAVQQYIRTIGKLEP  
SYVIRKFLDAQRIHNLAYLQTLHRQSLANADHTLLNLCYTKLKDSSKLEEFIKTKSESEVHFDVETAI  
KVLQRQAGYYSHALYLAENHAHHEWYLKIQLEDIKNYQEALRYIGKLPFEQAESNMKRYGKTLMHHIPEQT  
TQLLKGLCTDYRPSLEGRGDREALSCRASSEEFIFANNPRELKAFLEHMSEVQPDSPQGIYDTLLELR  
LQNWAHEKDPQAKEKLHAEAISLLKSGRFCDVFDKALVLCQMHDQDGVLYLYEQGKLFQQIMHYHMQHE  
QYRQVIAVCERHGEQEPSLWEQALSYPARKEEDCKEYVAAVLRHIENKSLMPPLLVVQTLAHNSTATLSI  
IRDYLVQKLQKQSQQIAQDELVRVRYREETTRIRQEIQLKASPKIFQKTKCSICNSALELPSVHFLCGH  
SFHQHCFESYSESDADCPTCLPENRKVMDMIRAQEQKRDLDQFQHLKCSNDSFSVIADYFGRGVFNKL  
TLLTDPPTARLTPSLEAGLQRDLLMHSRRGT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	108.2 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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<b>Note:</b>	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
<b>Storage:</b>	Store at -80°C after receiving vials.
<b>Stability:</b>	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
<b>RefSeq:</b>	<a href="#">NP_082165</a>
<b>Locus ID:</b>	71732
<b>UniProt ID:</b>	<a href="#">Q91W86</a>
<b>RefSeq Size:</b>	3194
<b>Cytogenetics:</b>	9 A5.2
<b>RefSeq ORF:</b>	2823
<b>Synonyms:</b>	1200011A11Rik
<b>Summary:</b>	<p>Plays a role in vesicle-mediated protein trafficking to lysosomal compartments including the endocytic membrane transport and autophagic pathways. Believed to act as a core component of the putative HOPS and CORVET endosomal tethering complexes which are proposed to be involved in the Rab5-to-Rab7 endosome conversion probably implicating MON1A/B, and via binding SNAREs and SNARE complexes to mediate tethering and docking events during SNARE-mediated membrane fusion. The HOPS complex is proposed to be recruited to Rab7 on the late endosomal membrane and to regulate late endocytic, phagocytic and autophagic traffic towards lysosomes. The CORVET complex is proposed to function as a Rab5 effector to mediate early endosome fusion probably in specific endosome subpopulations. Required for fusion of endosomes and autophagosomes with lysosomes. Involved in cargo transport from early to late endosomes and required for the transition from early to late endosomes (By similarity). [UniProtKB/Swiss-Prot Function]</p>