

Product datasheet for TP507515

Snx17 (NM_153680) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse sorting nexin 17 (Snx17), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207515 protein sequence Red =Cloning site Green =Tags(s)
	MHFSIPETESRSGDSGG SAYVAYNIHVNGVLHCRVRYSQLLGLHEQLRKEYGANVWPAFPPKKLFLSLTPA EVEQRREQLEKYMQAVRQDPLLGSSETFNSFLRRAQQETQQVPTTEVSLEVLSSNGQKVLVTVLTSDDQTE DVLEAVA AKLDLPDDLIGYFSLFLVREKEDGAFSFRKQLQEFELPYVSVTSLRSQEKIVLRKSYWDSAY DDDVMENRVGLNLLYAQTVSDIEHGWLVTKEQHRQLKSLQEKVSKKEFLRLAQLTRHYGYLRFDACVAD FPEKDCPWWVSAGNSELSLQLRPLPGQQLREGSFRVTRMRCWRVTSSVPLPSGGTSSPSRGRGEVRLELAF EYLMKSDRLQWVTITSPQAIMMSICLQSMVDELMVKKSGGSIRKMLRRRVGGTLRRSDSQQAVKSPPLLE SPDASRESMVKLSKLSAVSLRGIGSPSTDASASAVHGNFAFEGIGDEDL
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	52.8 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
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 after receiving vials.
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_710147
Locus ID:	266781



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UniProt ID: [Q8BVL3](#)

RefSeq Size: 1941

Cytogenetics: 5 B1

RefSeq ORF: 1413

Synonyms: 5830447M19Rik; AI790646; b2b1625.1Clo; D5Ertd260e; mKIAA0064

Summary: Critical regulator of endosomal recycling of numerous surface proteins, including integrins, signaling receptor and channels (PubMed:12169628, PubMed:16052210). Binds to NPxY sequences in the cytoplasmic tails of target cargos (By similarity). Associates with retriever and CCC complexes to prevent lysosomal degradation and promote cell surface recycling of numerous cargos such as integrins ITGB1, ITGB5 and their associated alpha subunits (By similarity). Also required for maintenance of normal cell surface levels of APP and LRP1 (PubMed:16052210, PubMed:18276590). Interacts with membranes containing phosphatidylinositol 3-phosphate (PtdIns(3P)) (By similarity).[UniProtKB/Swiss-Prot Function]