

Product datasheet for **TP501726**

Bloc1s5 (NM_139063) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse biogenesis of lysosomal organelles complex-1, subunit 5, muted (Bloc1s5), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR201726 protein sequence Red =Cloning site Green =Tags(s)
	MSGGGTETPVACDAAQGGKKRDSLGTPGAHLIIKDLGEIHSRLLDHRPVTQGEIRYFVKEFEKRGRLRE LRVLKNLENTIQETNECLLPKCRETMECGLGETLQRLQAANDSICRLQREQERKKVINDYLTASEKRRRL VQWEEFVSGQPQRRAEVDEEHRAVERLREQYAAMEKDLAKFSTF
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	21.3 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:	<u>NP_620702</u>
Locus ID:	17828
UniProt ID:	<u>Q8R015</u>
RefSeq Size:	1791
Cytogenetics:	13 18.35 cM



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RefSeq ORF: 555

Synonyms: 1810074A19Rik; mu; Muted

Summary: Component of the BLOC-1 complex, a complex that is required for normal biogenesis of lysosome-related organelles (LRO), such as platelet dense granules and melanosomes. In concert with the AP-3 complex, the BLOC-1 complex is required to target membrane protein cargos into vesicles assembled at cell bodies for delivery into neurites and nerve terminals. The BLOC-1 complex, in association with SNARE proteins, is also proposed to be involved in neurite extension. Plays a role in intracellular vesicle trafficking.[UniProtKB/Swiss-Prot Function]