

Product datasheet for TP507196

Tapbpl (NM_145391) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse TAP binding protein-like (Tapbpl), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR207196 protein sequence Red =Cloning site Green =Tags(s)

MGLEPSWYLLLC LAVSGAAGTDPPTAPTTAERQRQPTDIILDCFLVTE DRHRGAFASSGDRERALLVLKQ
VPVLDDGSLEGITDFQGSTETKQDSPVIFEASLDLVQIPQAEALLHADCSGKAVTCEISKYFLQARQEAT
FEKAHWFISNMQVSRGGPSVSMVMKTLRDAE V GAVRHPTLNPLLSAQGT VKTQVEFQVTSETQTLNHLLG
SSVSLHCSFSMAPDLDTGV E WRLQHKGSGQLVYSWKTGQGQAKRKGATLEPEELLRAGNASLTLPNLTL
KDEGT YICQISTSLYQAQQIMPLNILAPPKVQLHLANKDPLPSLVCSIAGYYPLDVGV TWIREELGGIPA
QVSGASFSSLRQSTMGTYSISSTVMADPGPTGATYTCQVAHVSLEEPLTTS MRVLPNPEQRGTLGVIFAS
IIFLSALLLFLGLHRQQASSRSTRPMRHSG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	48.8 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_663366
Locus ID:	213233



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UniProt ID:	Q8VD31
RefSeq Size:	2080
Cytogenetics:	6 F3
RefSeq ORF:	1356
Synonyms:	BC017613; TAPBPL-R; Tapbplr
Summary:	Component of the antigen processing and presentation pathway, which binds to MHC class I coupled with beta2-microglobulin/B2M. Association between TAPBPR and MHC class I occurs in the absence of a functional peptide-loading complex (PLC). Expression seems to slow down and down-regulate MHC class I surface expression.[UniProtKB/Swiss-Prot Function]