

Product datasheet for **TP525627**

Cd74 (NM_010545) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse CD74 antigen (invariant polypeptide of major histocompatibility complex, class II antigen-associated) (Cd74), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225627 representing NM_010545 Red =Cloning site Green =Tags(s) MDDQRDLISNHEQLPILGNRPREPERCSRALYTGVSVLVALLAGQATTAYFLYQQGRLDKLTITSQN LQLESRLMKLPKSAKPVSMRMAPLLMRPMSMDNMLLGPVKNVTKYGNMTQDHVMHLLTRSGPLEYPQL KGTFFPENLKHLSMDGVNWKIFESWMKQWLLFEMSKNSLEEKKPTAPPKEPLDMEDLSSGLGVTRQEL GQVTL TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	24.9 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_034675
Locus ID:	16149
UniProt ID:	Q545Y5



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RefSeq Size:	1239
Cytogenetics:	18 34.41 cM
RefSeq ORF:	645
Synonyms:	CLIP; DHLAG; HLADG; Ia-GAMMA; li
Summary:	Plays a critical role in MHC class II antigen processing by stabilizing peptide-free class II alpha/beta heterodimers in a complex soon after their synthesis and directing transport of the complex from the endoplasmic reticulum to compartments where peptide loading of class II takes place. Enhance also the stimulation of T-cell responses through interaction with CD44. [UniProtKB/Swiss-Prot Function]