

Product datasheet for TP525294

Cd22 (NM_001043317) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse CD22 antigen (Cd22), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR225294 representing NM_001043317 Red =Cloning site Green =Tags(s)

MRVHYLWLLLILGHVASARYSSANDWTVDPQTLFAWEGACIRIPCKYKTPLPKARLDNILLFQNYEFDK
ATKKFTGTVLYNATKTEKDPSELYLSKQGRVTLGNRIDNCTLKIHIPRANDSGNLGLRMTAGTERWME
PIHLNVSEKPFQPIYQMPSEIRESQSVTLTCLNFCFGYDILLKWFLEDSEITSITSSVTSITSSVTSS
IKNVYTESKLTFFQPKWTDHGKSVKCVQVQHSSKVLSECTVHLDVKYTPKLEIKVNPTEVEKNNSVTMTCRV
NSSNPKLRTVAVSWFKDGRPLEDQEQEQMSKLILHSVTKDMRGKYRCQASNDIGPGESEEEVELTVHY
APEPSRVHIYPSAEEGQSVELICESLASPSATNYTWYHNRKPIPGDTQEKLRIPKVSPWHAGNYSCLAE
NRLGHGKIDQEAKLDVHYAPKAVTTVIQSFTPILEGDSVTLVCRYNSSNPDVTSYRWNPQGGSVLKPQGV
LRIQKVTWDSMPVSCAACNHKCSWALPVILNVHYAPRDVKVLKVPASEIRAGQRVLLQCDFAESNPAEV
RFFWKKNGLVQEGRYLSFGSVSPEDSGNYNCMVNNSIGETLSQAWNLQVLYAPRRLRVSISPGDHVMEG
KKATLSCESDANPPISQYTWFDSSGQDLHSSGQKLRLEPLEVQHTGYSYRCKGTNGIGTGESPPSTLTVYY
SPETIGKRVALGLGFCLTIFILAIWGMKIQKKWKQNRSQGLQENSSGQSFFVRNKKARRTPLSEGPQSQ
GCYNPAMDDTVSYAILRFESDTHNAGDAGTPATQAPPPNNSDTVYSVIQKRPMDYENVNPSCPEDES
IHSELVQFGAGKRPQAKEDVDYVTLKH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	97.6 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.



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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_001036782
Locus ID:	12483
UniProt ID:	P35329 , Q3UP36
RefSeq Size:	4097
Cytogenetics:	7 19.26 cM
RefSeq ORF:	2604
Synonyms:	A530093D23; Lyb-8; Lyb8
Summary:	Mediates B-cell B-cell interactions. May be involved in the localization of B-cells in lymphoid tissues. Binds sialylated glycoproteins; one of which is CD45. Preferentially binds to alpha-2,6-linked sialic acid. The sialic acid recognition site can be masked by cis interactions with sialic acids on the same cell surface. Upon ligand induced tyrosine phosphorylation in the immune response seems to be involved in regulation of B-cell antigen receptor signaling. Plays a role in positive regulation through interaction with Src family tyrosine kinases and may also act as an inhibitory receptor by recruiting cytoplasmic phosphatases via their SH2 domains that block signal transduction through dephosphorylation of signaling molecules.[UniProtKB/Swiss-Prot Function]