

Product datasheet for **TP508194**

Sirpa (NM_001177646) Mouse Recombinant Protein

Product data:

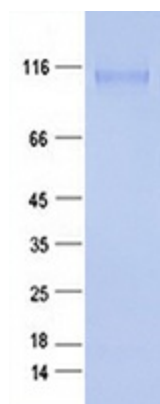
Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse signal-regulatory protein alpha (Sirpa), transcript variant 2, with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208194 representing NM_001177646 Red =Cloning site Green =Tags(s)
	<p>MEPAGPAPGRLGPLLLCLLLSASCFCCTGATGKELKVTQPEKSVSVAAGDSTVLNCTLSLLPVGPIRWYR GVGPSRLLIYSFAGEYVPRIRNVSDTTKRNNMDFISIRISNVTPADAGIYCVKFQKGSSEPDTEIQSGGG TEVYVLAKPSPPEVSGPADRGIPDQKVNFTCKSHGFSPRNLTKWFKDQELHPLETTVNP SGKNVSYNI SSTVRVVLNSMDVNSKVICEVAHITLDRSPLRGIANLSNFIRVSPTVKVTQQSPTSMNQVNLTCRAERFY PEDLQLIWLENGNVRNDTPKNLTKNTDGTYNYSFLVNSSAHREDVFTCQVKHDQQPAITRNHTVLG FAHSSDQGSMTFPDNNATHNWNVFIGVGVACALLVLLMAALYLLRIKQKKAKGSTSSTRLHEPEKNAR EITQIQDNDINDITYADLNLPKKEKPAPRAPEPNNHTEYASJETGKVPREPDTLTYADLDMVHLSRAQP APKPEPSFSEYASVQVQRK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-MYC/DDK
Predicted MW:	56.4 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.
Locus ID:	19261



[View online »](#)

UniProt ID:	P97797
RefSeq Size:	3835
Cytogenetics:	2 63.19 cM
RefSeq ORF:	1527
Synonyms:	AI835480; Bit; CD172a; P84; Ptpns1; SHP-1; SHPS-1; SIRP
Summary:	Immunoglobulin-like cell surface receptor for CD47. Acts as docking protein and induces translocation of PTPN6, PTPN11 and other binding partners from the cytosol to the plasma membrane. Supports adhesion of cerebellar neurons, neurite outgrowth and glial cell attachment. May play a key role in intracellular signaling during synaptogenesis and in synaptic function. Involved in the negative regulation of receptor tyrosine kinase-coupled cellular responses induced by cell adhesion, growth factors or insulin. Mediates negative regulation of phagocytosis, mast cell activation and dendritic cell activation. CD47 binding prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells (By similarity).[UniProtKB/Swiss-Prot Function]

Product images:



Purified recombinant protein Sirpa was analyzed by SDS-PAGE gel and Coomassie Blue Staining.