

Product datasheet for TP523211

S1pr2 (NM_010333) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse sphingosine-1-phosphate receptor 2 (S1pr2), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR223211 representing NM_010333 Red =Cloning site Green =Tags(s) MGGLYSEYLNPEKVLHNYTKETLDMQETTSRKVASAFIILCCAIVVENLLVLIAVARNKSFHSAMYL FLGNLAASDLLAGVAFVANTLLSGHVTLSTLPVQWFAREGSAFITLSASVFSLLAIAIERQVALAKVKLY GSDKSCRMLMLIGASWLISLILGGLPILGWNCLNQLEACSTVLPYAKHYVLCVVTIFSVILLAIVALYV RIYFVVRSSHADVAGPQTLALLKTVTIVLGVFIICWLPAFSILLDSTCPVRACPVLYKAHYFFAFATLN SLLNPVIYTWRSRDLRREVLRLPLQCWRRGKGVTRRRGGNPGHRLLPLRSSSSLERGMHMPTSPTFLEGNT VV TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	39.3 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:	NP_034463
Locus ID:	14739
UniProt ID:	P52592



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RefSeq Size: 2815

Cytogenetics: 9 7.68 cM

RefSeq ORF: 1056

Synonyms: 1100001A16Rik; Edg5; Gpcr13; H218; LPb2; S1P2

Summary: Receptor for the lysosphingolipid sphingosine 1-phosphate (S1P) (By similarity). S1P is a bioactive lysophospholipid that elicits diverse physiological effects on most types of cells and tissues (By similarity). Receptor for the chemokine-like protein FAM19A5 (By similarity). Mediates the inhibitory effect of FAM19A5 on vascular smooth muscle cell proliferation and migration (By similarity).[UniProtKB/Swiss-Prot Function]