

Product datasheet for **TP727901**

SIRPB2 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human SIRPB2 (C-Fc)
Species:	Human
Expression cDNA Clone or AA Sequence:	Gln33-Gly287
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH7.4.
Note:	Recombinant Human Signal-regulatory Protein Beta-2 is produced by our Mammalian expression system and the target gene encoding Gln33-Gly287 is expressed with a Fc tag at the C-terminus.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	284759
UniProt ID:	Q5JXA9
Synonyms:	dj776F14.2; PTPN1L; PTPNS1L3; Signal-Regulatory Protein Beta 2; Signal-Regulatory Protein Beta-2; SIRP beta 2; SIRP-beta-2; SIRPG
Summary:	Signal-regulatory protein beta-2(SIRP-beta-2), is a monomeric single pass type I membrane glycoprotein, belongs to the SIRP/SHPS (CD172) family of the immunoglobulin (Ig) superfamily. The SIRP family are paired receptors that have similar extracellular domains but differing C-terminal domains and functions. A positively charged residue within the transmembrane domain, in analogy to SIRP-beta-1, is implicated to mediate interaction with the adaptor DAP12 protein, which contains immunoreceptor tyrosine-based activation motifs (ITAMs) . Proteins in the SIRP family are typically expressed in immune cells, especially in the myeloid lineages . Based on expression patterns, SIRPs are thought to have roles in immune regulation. SIRP family members role in innate immunity and host defense has potential significance as a therapeutic target in cancer and inflammation. There are currently no known mouse or rat homologs for this protein.



[View online »](#)

Protein Families: Transmembrane