

Recombinant Human SIRPB1

Catalog No: CS93

Description	Recombinant Human Signal-regulatory Protein Beta-1 is produced by our Mammalian expression system and the target gene encoding Glu30-Glu362 is expressed with a 6His tag at the C-terminus.
Source	Baculovirus
Alternative name	Signal-regulatory protein beta-1; SIRP-beta-1; CD172 antigen-like family member B; CD172b; SIRPB1
Accession No.	O00241
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.
Quality Control	Purity: Greater than 95% as determined by reducing SDS-PAGE. Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.
Shipping	The product is shipped at ambient temperature. Upon receipt, store it immediately at the temperature listed below.
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.
Amino Acid Sequence	<p> EDELQVIQPEKSVSVAAGESATLRCAMTSLIPVGPIMWFRGAGAGRELIYNQKEGHFPRVTTVSELTKR NNLDFSISISNITPADAGTYCYVKFRKGSPDDVEFKSGAGTELSVRAPKSAPVVSGPAVRATPEHTVSFT CESHGFSPRDITLKWFKNGNELSDFQTNVDPAGDSVSYSIHSTARVVLTRGDVHSQVICEIAHITLQGDP LRGTANLSEAIRVPPTLEVTQQPMRAENQANVTCQVS NFYPRGLQLTWLENGNVSR TETASTLIENKD GTYNWMSWLLVNTCAHRDDVLT CQVEHDGQQA VSKSYALEISAHQKEHGSDITHEGSH HHHHH </p>
Background	Signal-regulatory protein beta-1 (SIRPB1, CD172b) is a member of the signal-regulatory-protein (SIRP) family, and also belongs to the immunoglobulin superfamily. SIRP family members are receptor-type transmembrane glycoproteins known to be involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. This protein was found to interact with TYROBP/DAP12, a protein bearing immunoreceptor tyrosine- based activation motifs. This protein was also reported to participate in the recruitment of tyrosine kinase SYK.

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