

Recombinant Full Length Human SIRPB1 Protein, C-Flag-tagged

Cat. No. SIRPB1-1499HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human SIRPB1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
Description	The protein encoded by this gene 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. Multiple transcript variants encoding different isoforms have been found for this gene.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	40.8 kDa
AA Sequence	MPVPASWPHLPSPFLLMTLLLGRLTGVAGEDELQVIQPEKSVSVAAGESATLCCAM TSLIPVGPIMWFRG AGAGRELIYNQKEGHFPRVTTVSELTKRNNLDFSISISNITPAD AGTYYCVKFRKGGSPDDVEFKSGAGTE LSVRAKPSAPVVSGPAVRATPEHTVSFTC ESHGFSPRDITLKWFKNGNELSDFQTNVDPAGDSVSYSIHS TARVVLTRGDVHSQV

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ICEMAHITLQGDPLRGTANLSEAIRVPPTLEVTQQPMRAENQANVTCQVSNFYPR G
 LQLTWLENGNVSRTEASTLIENKDGTYNWMSWLLVNTCAHRDDVLTLCQVEHDG
 QQAVSKSYALEISA
 HQKEHGS DITHEPALAPTAPLLVALLLGP KLLL VVGVS AIIYICWKQKATRTRPLEQKLI
 SEEDLAANDILDYKDDDDKV

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, Transmembrane
Full Length	Full L.

GENE INFORMATION

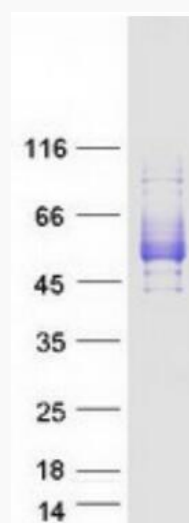
Gene Name	SIRPB1 signal regulatory protein beta 1 [Homo sapiens (human)]
Official Symbol	SIRPB1
Synonyms	CD172b; SIRP-BETA-1
Gene ID	10326

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mRNA Refseq	NM_006065.5
Protein Refseq	NP_006056.2
MIM	603889
UniProt ID	O00241



Coomassie blue staining of purified SIRPB1 protein.