

## 32-13427: SIRPB1 Human

**Alternative Name :** SIRPB1, CD172b, SIRP-BETA-1, SIRP-Beta-1 Isoform 3, CD172b Antigen, CD172b.

### Description

Source: Sf9, Baculovirus cells.

Sterile Filtered colorless solution.

Signal-regulatory protein beta-1 isoform 1 or SIRPB1, is an immunoglobulin-like cell surface receptor which is a part of the SIRP superfamily. SIRPB1 is a cell membrane receptor that takes part in the negative regulation of tyrosine kinase-coupled signaling pathway. SIRPB1 is engaged in the activation of tyrosine kinase SYK, SIRP alpha molecules (activates SHP-1 and SHP-2 protein tyrosine phosphatases), etc.

SIRPB1 produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (30-371 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 348 amino acids and having a molecular mass of 38.0kDa. SIRPB1 shows multiple bands between 40-57kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

### Product Info

**Amount :** 2 µg / 10 µg

**Purification :** Greater than 90.0% as determined by SDS-PAGE.

**Content :** SIRPB1 protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) & 10% glycerol.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid :** EDELQVIQPE KSVSVAAGES ATLRCAMTSL IPVGPIMWFR GAGAGRELIY NQKEGHFPRV TTVSELTKRN NLDIFSISIN ITPADAGTYY CVKFRKGGSPD DVEFKSGAGT ELSVRAKPSA PVSVPVAVRA TPEHTVSFTC ESHGFSRPDI TLKWFKNGNE LSDFQTNVDP AGDSVSYSIH STARVVLTRG DVHSQVICEI AHITLQGDPL RGTANLSEAI RVPPTLEVQ QPMRAENQAN VTCQVSNFYR RGLQLTWLEN GNVSRTEAS TLIENKDGTY NWMSWLLVNT CAHRDDVVLV CQVEHDGQQA VSKSYALEIS AHQKEHGSDI THEAALAPTA PLHHHHHH.