Recombinant Human SIRPB1 Protein, His-tagged

Cat. No. SIRPB1-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human SIRPB1(30-371aa) protein, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.
Species	Human
Source	Insect Cells
ProteinLength	30-371 a.a.
Description	SIRPB1, also known as signal-regulatory protein beta-1 isoform 1, is a type I transmembrane protein of SIRP superfamily. It is an immunoglobulin-like cell surface receptor involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. This protein also participates in the recruitment of tyrosine kinase SYK. And it acts as an activating isoform of SIRP alpha molecules that recruit SHP-1 and SHP-2 protein tyrosine phosphatases and activate counterparts, whose engagement couples to protein tyrosine kinases.
Form	Liquid
Molecular Mass	38.0 kDa
N-terminal Sequence Analysis	Glu 30

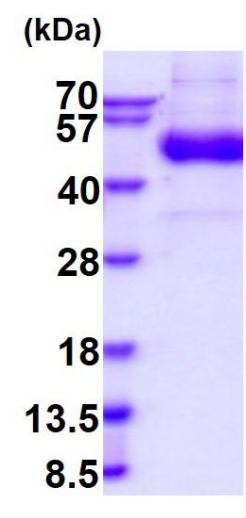
Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Endotoxin	< 1.0 EU per 1 μg of protein (determined by LAL method)
Purity	> 90% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/mL (determined by Absorbance at 280nm)
Storage Buffer	In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.
Warning	For research use only. This product is not intended or approved for human, diagnostics or veterin
AA Sequence	EDELQVIQPEKSVSVAAGESATLRCAMTSLIPVGPIMWFRGAGAGRELIYNQKEGHF PRVTTVSELTKRNNLDFSISISNITPADAGTYYCVKFRKGSPDDVEFKSGAGTELSVR AKPSAPVVSGPAVRATPEHTVSFTCESHGFSPRDITLKWFKNGNELSDFQTNVDPA GDSVSYSIHSTARVVLTRGDVHSQVICEIAHITLQGDPLRGTANLSEAIRVPPTLEVTQ QPMRAENQANVTCQVSNFYPRGLQLTWLENGNVSRTETASTLIENKDGTYNWMS WLLVNTCAHRDDVVLTCQVEHDGQQAVSKSYALEISAHQKEHGSDITHEAALAPTA PLHHHHHH

GENE INFORMATION

Gene Name	SIRPB1 signal regulatory protein beta 1 [Homo sapiens (human)]
Official Symbol	SIRPB1
Synonyms	SIRPB1; signal regulatory protein beta 1; CD172b; SIRP-BETA-1; signal-regulatory protein beta-1; CD172 antigen-like family member B

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Gene ID	10326
mRNA Refseq	NM_006065
Protein Refseq	NP_006056
MIM	603889
UniProt ID	O00241
SDS-PAGE	 15% SDS-PAGE (3 μg)

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