Proteoliposomes Full-Length

SIRPA (Human) Recombinant Protein

Catalog # H00140885-G01 Size 10 ug

Specification

Product Description	Human SIRPA full-length ORF (AAH33092.1) recombinant protein without tag. This product is belong to Proteoliposome (PL).
Sequence	MEPAGPAPGRLGPLLCLLLAASCAWSGVAGEEELQVIQPDKSVLVAAGETATLRCTATSLIPVGP IQWFRGAGPGRELIYNQKEGHFPRVTTVSDLTKRNNMDFSIRIGNITPADAGTYYCVKFRKGSPDD VEFKSGAGTELSVRAKPSAPVVSGPAARATPQHTVSFTCESHGFSPRDITLKWFKNGNELSDFQ TNVDPVGESVSYSIHSTAKVVLTREDVHSQVICEVAHVTLQGDPLRGTANLSETIRVPPTLEVTQQ PVRAENQVNVTCQVRKFYPQRLQLTWLENGNVSRTETASTVTENKDGTYNWMSWLLVNVSAHR DDVKLTCQVEHDGQPAVSKSHDLKVSAHPKEQGSNTAAENTGSNERNIYIVVGVVCTLLVALLMA ALYLVRIRQKKAQGSTSSTRLHEPEKNAREITQVQSLDTNDITYADLNLPKGKKPAPQAAEPNNHT EYASIQTSPQPASEDTLTYADLDMVHLNRTPKQPAPKPEPSFSEYASVQVPRK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	55.4
Form	Liquid
Preparation Method	*in vitro* wheat germ expression system with proprietary liposome technology
Purification	None
Recommend Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
Storage Buffer	25 mM Tris-HCl of pH8.0 containing 2% glycerol.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — SIRPA

Entrez GeneID	140885
GeneBank Accession#	BC033092.1
Protein Accession#	AAH33092.1
Gene Name	SIRPA
Gene Alias	BIT, CD172A, MFR, MYD-1, P84, PTPNS1, SHPS-1, SHPS1, SIRP, SIRP-ALPHA-1, SIRPalpha , SIRPalpha2
Gene Description	signal-regulatory protein alpha
Omim ID	602461
Gene Ontology	Hyperlink
Gene Summary	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 transme mbrane glycoproteins known to be involved in the negative regulation of receptor tyrosine kinase-coupled signaling processes. This protein can be phosphorylated by tyrosine kinases. The phosp ho-tyrosine residues of this PTP have been shown to recruit SH2 domain containing tyrosine phos phatases (PTP), and serve as substrates of PTPs. This protein was found to participate in signal t ransduction mediated by various growth factor receptors. CD47 has been demonstrated to be a li gand for this receptor protein. This gene and its product share very high similarity with several oth er members of the SIRP family. These related genes are located in close proximity to each other on chromosome 20p13. Multiple alternatively spliced transcript variants have been determined for this gene. [provided by RefSeq
Other Designations	OTTHUMP00000030001|SHP substrate-1|brain-immunoglobulin-like molecule with tyrosine-base d activation motifs|macrophage fusion receptor|myd-1 antigen|protein tyrosine phosphatase, non-r eceptor type substrate 1|signal regulatory protein, alpha type 1|signal