

Product datasheet for PH326750

SIRPB1 (NM_001135844) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SIRPB1 MS Standard C13 and N15-labeled recombinant protein (NP_001129316)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC226750
Predicted MW:	43.2 kDa
Protein Sequence:	>RC226750 representing NM_001135844 Red=Cloning site Green=Tags(s) MPVPASWPHLPSFLLMTLLLGRLTGVAGEDELQVIQPEKSVSVAAGESATLCCAMTSLIPVGPIMWFRG AGAGRELIYNQKEGHFPRVTTVSELTKRNNLDFSISISNITPADAGTYCVKFRKGPDDVEFKSGAGTE LSVRAKPSAPVVSQPAVRATPEHTVSFTCESHGFSPRDITLKWFKNGNELSDFQTNVDPAGDSVSYSIHS TARVVLTRGDVHSQVICEMAHITLQGDPLRGTANLSEAIRVPPTLEVTQQPMRAENQANVTCQVSNFYPR GLQLTWLENGVSRTEASTLIENKDGTYNWSWLLVNTCAHRDDVVLTCQVEHDGQAVSKSYALEISA HQKEHGSIDITHEPALAPTAPLLVALLLGPKLLLVGVSAIYICWKQKA TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_001129316</u>
RefSeq ORF:	1194
Synonyms:	CD172b; SIRP-BETA-1
Locus ID:	10326
UniProt ID:	<u>Q5TFQ8</u>



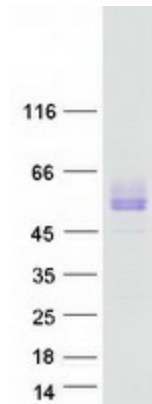
[View online »](#)

Cytogenetics: 20p13

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 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. [provided by RefSeq, Feb 2009]

Protein Families: Druggable Genome, Transmembrane

Product images:



Coomassie blue staining of purified SIRPB1 protein (Cat# [TP326750]). The protein was produced from HEK293T cells transfected with SIRPB1 cDNA clone (Cat# [RC226750]) using MegaTran 2.0 (Cat# [TT210002]).