

## Product datasheet for PH311765

### SIRPB1 (NM\_006065) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SIRPB1 MS Standard C13 and N15-labeled recombinant protein (NP_006056)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC211765
Predicted MW:	43.2 kDa
Protein Sequence:	>RC211765 representing NM_006065 Red=Cloning site Green=Tags(s)
	MPVPASWPHLPSPFLLMTLLLGRLTGVAGEDELQVIQPEKSVSVAAGESATLCCAMTSLIPVGPIMWFRG AGAGRELIYNQKEGHFPRVTTVSELTKRNNLDFSISISNITPADAGTYCVKFRKGPDDVEFKSGAGTE LSVRAKPSAPVVSQPAVRATPEHTVSFTCESHGFSPRDITLKWFKNGNELSDFQTNVDPAGDSVSYSIHS TARVVLTRGDVHSQVICEMAHITLQGDPLRGTANLSEAIRVPPTLEVTQQPMRAENQANVTCQVSNFYPR GLQLTWLENGVSRTEASTLIENKDGTYNWSWLLVNTCAHRDDVVLTCQVEHDGQQAVSKSYALEISA HQKEHSDITHEPALAPTAPLLVALLLGPKLLLVGVSAIYICWKQKA
	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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_006056</a>
RefSeq Size:	3804
RefSeq ORF:	1194
Synonyms:	CD172b; SIRP-BETA-1
Locus ID:	10326



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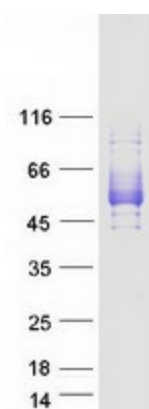
UniProt ID: [O00241](#)

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# [TP311765]). The protein was produced from HEK293T cells transfected with SIRPB1 cDNA clone (Cat# [RC211765]) using MegaTran 2.0 (Cat# [TT210002]).