

Product datasheet for TP311765

SIRPB1 (NM_006065) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human signal-regulatory protein beta 1 (SIRPB1), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC211765 representing NM_006065 Red =Cloning site Green =Tags(s)

MPVPASWPHLPSFLLMTHLLGRLTGVADEDELQVIQPEKSVSVAAGESATLCCAMTSLIPVGPIMWFRG
AGAGRELIYNQKEGHFPRVTTVSELTKRNNLDFISISNITPADAGTYCVKFRKSPDDVEFKSGAGTE
LSVRAKPSAPVVSQPAVRATPEHTVSFTCESHGFSPRDITLKWFKNGNELSDFQTNVDPAGDSVSYSIHS
TARVVLTRGDVHSQVICEMAHITLQGDPLRGANLSEAIRVPPTLEVTQQPMRAENQANVTCQVSNFYPR
GLQLTWLENGNVSRTETASTLIENKDGTYNWMSWLLVNTCAHRDDVLTQVEHDGQQAVSKSYALEISA
HQKEHGS DITHEPALAPTAPLLVALLLGPKLLLVGVSAIYICWKQKA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	40.8 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_006056</u>



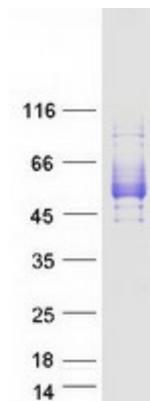
[View online »](#)

Locus ID: 10326
UniProt ID: [O00241](#)
RefSeq Size: 3804
Cytogenetics: 20p13
RefSeq ORF: 1194
Synonyms: CD172b; SIRP-BETA-1

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]).