

Recombinant Human SIRPB1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SIRPB1-3826H **Lot. No.** (See product label)

SPECIFICATION

Product Overview

SIRPB1 MS Standard C13 and N15-labeled recombinant protein (NP_006056) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

Species

Human

Source

HEK293

Description

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.

Molecular Mass

43.2 kDa

AA Sequence

MPVPASWPHLPSPFLLMTLLLGRLLTGVADELDQVIQPEKSVSVAAGESATLCCAM
 TSLIPVGPIMWFRGAGAGRELIYNQKEGHFPRVTTVSELTKRNNLDFSISISNITPADA
 GTYYCVKFRKGGSPDDVEFKSGAGTELSVRAKPSAPVVSGPAVRATPEHTVSFTCES
 HGFSPRDITLKWFKNGNELSDFQTNVDPAGDSVSYSIHSTARVVLTRGDVHSQVICE
 MAHITLQGDPLRGTANLSEAIRVPPTLEVTTQQPMRAENQANVTCQVSNFYPRGLQL

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TWLENGNVSRTETASTLIENKDGTYNWMSWLLVNTCAHRDDVVLTCQVEHDGQQA
 VSKSYALEISAHQKEHGS DITHEPALAPTAPLLVALLLGPKLLL VVGVS AIIYICWKQKA
 TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [SIRPB1 signal-regulatory protein beta 1 \[Homo sapiens \(human\) \]](#)

Official Symbol [SIRPB1](#)

Synonyms SIRPB1; signal-regulatory protein beta 1; signal-regulatory protein beta-1; CD172b; SIRP BETA 1; CD172 antigen-like family member B; SIRP-BETA-1; FLJ26614; DKFZp686A05192;

Gene ID [10326](#)

mRNA Refseq [NM_006065](#)

Protein Refseq [NP_006056](#)

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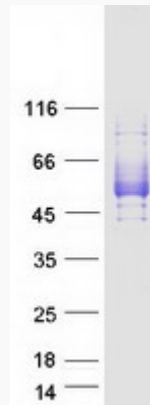
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SDS-PAGE



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