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Product Information

MemDX™ Membrane Protein Human SIRPB1 (Signal regulatory protein beta 1) for Antibody Discovery

Cat. No.: **MP0727J**
This product is for research use only and is not intended for diagnostic use.

This product is a 40.8 kDa Human SIRPB1 membrane protein expressed in HEK293T. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
SIRPB1

Protein Length
Full-length

Protein Class
Druggable Genome, Transmembrane

Molecular Weight
40.8 kDa

TMD
1

Sequence
MPVPASWPHLPSPFLLMTLLLGRLTGVAGEDELQVIQPEKSVSVAAGESATLCCAMTSLIPVGPIMWFRG
AGAGRELIYNQKEGHFPRVTTVSELTKRNNLDFSISISNITPADAGTYYCVKFRKGSPDDVEFKSGAGTE
LSVRAKPSAPVVSGPAVRATPEHTVSFTCESHGFSPRDITLKWFKNGNELSDFQTNVDPAGDSVSYSIHS
TARVVLTRGDVHSQVICEMAHITLQGDPLRGTANLSEAIRVPPTLEVTQQPMRAENQANVTCQVSNFYPR
GLQLTWLENGNVSRTETASTLIENKDGTYNWMSWLLVNTCAHRDDVVLTCQVEHDGQQAVSKSYALEISA
HQKEHGSDITHEPALAPTAPLLVALLLGPKLLLVVGVSAIYICWKQKA

Product Description

Expression Systems
HEK293T

Tag
C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

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

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

SIRPB1

Full Name

Signal regulatory protein beta 1

Introduction

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.

Alternative Names

CD172b; SIRP-BETA-1

Gene ID

10326

UniProt ID

O00241