RP01683

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Recombinant Mouse SIRPB1A Protein

Catalog No.: RP01683 Recombinant

Sequence Information

Species	Gene ID	Swiss Prot
HEK293 cells	320832	Q6F5F2

Tags
C-6His

Synonyms
Sirpb; Sirpb1; SIRP-beta; 9930027N05Rik

Product Information

Source	Purification
HEK293 cells	> 92% by SDS-PAGE.

Endotoxin
<0.1EU/μg

Formulation
Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.

Reconstitution
Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Contact

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Background

SIRPB1A (Signal-regulatory protein beta 1A), also known as SIRP beta 1, belongs to signal-regulatory-protein (SIRP) family, and immunoglobulin superfamily. Signal-regulatory proteins (SIRPs) are cell-surface glycoproteins expressed on myeloid and neural cells that have been shown to recruit SH2 domain-containing protein phosphatase 1 (SHP-1) and SHP-2 and to regulate receptor tyrosine kinase-coupled signaling.

Basic Information

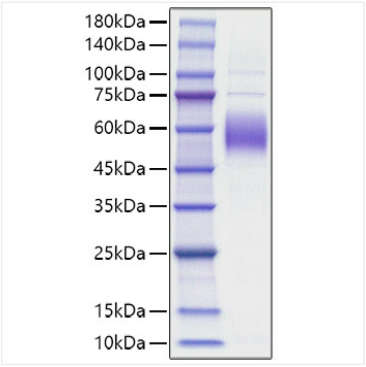
Description
Recombinant Mouse SIRPB1A Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Val28-Lys363) of mouse SIRPB1A (Accession #NP_001002898.1) fused with and a 6×His tag at the C-terminus.

Bio-Activity

Storage
Store at -20℃.Store the lyophilized protein at -20℃ to -80 ℃ up to 1 year from the date of receipt.
After reconstitution, the protein solution is stable at -20℃ for 3 months, at 2-8℃ for up to 1 week.
Avoid repeated freeze/thaw cycles.

* For your safety and health, please wear a lab coat and disposable gloves when handling.

Validation Data



Recombinant Mouse SIRPB1A Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 55-60 kDa.