Recombinant Mouse Sirpb1a Protein, His-tagged

Cat. No. Sirpb1a-921M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse SIRPB1A (BAD26610.1) (Met 1-Lys 363) was expressed, with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-363 a.a.
Predicted N Terminal	Ala 27
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The secreted recombinant mouse SIRPB1A comprises 348 amino acids and has a calculated molecular mass of 39.1 kDa. As a result of glycosylation, the apparent molecular mass of the recombinant protein is approximately 55-60 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>98 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

	aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

GENE INFORMATION

Gene Name	Sirpb1a signal-regulatory protein beta 1A [Mus musculus]
Official Symbol	Sirpb1a
Synonyms	Sirpb; Sirpb1; SIRP-beta; 9930027N05Rik; SIRP beta 1 cell surface protein; SIRP-beta B
Gene ID	320832
mRNA Refseq	NM_001002898
Protein Refseq	NP_001002898
MIM	
UniProt ID	
Chromosome Location	3; 3 A1
Pathway	Cell surface interactions at the vascular wall, organism-specific biosystem; DAP12 interactions, organism-specific biosystem; Innate Immune System, organism-specific biosystem
Function	molecular_function

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