Recombinant Mouse Spn Protein, His&GST-tagged

Cat. No. Spn-2094M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Spn Protein (Asp20-Gly248) with N-His&GST tag was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Asp20-Gly248
Description	Enables heat shock protein binding activity. Involved in leukocyte tethering or rolling and positive regulation of T cell migration. Acts upstream of or within several processes, including positive regulation of macromolecule metabolic process; regulation of T cell activation; and regulation of defense response. Located in basement membrane; external side of plasma membrane; and uropod. Is integral component of plasma membrane. Orthologous to human SPN (sialophorin).
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 52.5 kDa Accurate Molecular Mass: 70 kDa
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Spn sialophorin [Mus musculus (house mouse)]
Official Symbol	Spn
Synonyms	SPN; sialophorin; leukosialin; 3E8 antigen; lymphocyte antigen 48; leukocyte sialoglycoprotein; B-cell differentiation antigen LP-3; Cd43; Ly48; Galgp; Ly-48; A630014B01Rik;
Gene ID	20737
mRNA Refseq	NM_001037810
Protein Refseq	NP_001032899
UniProt ID	P15702

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