

Recombinant Mouse Spn protein(Met1-Gly248), hFc-tagged

Cat. No. Spn-7035M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SPN (P15702) (Met 1-Gly 248) was expressed in HEK293, fused with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	1-248 a.a.
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The secreted recombinant mouse SPN/Fc is a disulfide-linked homodimer. The reduced monomer comprises 470 amino acids and has a calculated molecular mass of 49.6 kDa. As a result of glycosylation, the apparent molecular mass of rmSPN/Fc monomer is approximately 110 kDa in SDS-PAGE under reducing conditions.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 80 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name [Spn sialophorin \[Mus musculus \]](#)

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](#)

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