

Recombinant Rat Spn protein(Met1-Gly243), hFc-tagged

Cat. No. Spn-50R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat SPN (NP_001258015.1)(Met1-Gly243) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Rat
Source	HEK293
ProteinLength	1-243 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 recombinant rat SPN/Fc is a disulfide-linked homodimer. The reduced monomer comprises 465 amino acids and has a predicted molecular mass of 49.3 kDa. The apparent molecular mass of the protein is approximately 95, 57 and 50 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method
Purity	> 95 % 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 [*Rattus norvegicus*]

Official Symbol Spn

Synonyms SPN; sialophorin; leukosialin; Leukosialin; W3/13 antigen; leukocyte sialoglycoprotein; Sialophorin (gpL115, leukosianin, CD43); Lsn; Cd43; Lsn1; gpL115;

Gene ID 24796

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