Recombinant Mouse SDC4 protein(Met1-Val146), hFc-tagged

Cat. No. SDC4-2341M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SDC4 (O35988)(Met1-Val146) was expressed in HEK293 with the Fc region of Human IgG1 at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Val146
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Bio-activity	Measured by its binding ability in a functional ELISA. Immobilized human MDK at 10 μg/ml (100 μl/well) can bind mouse SDC4-Fc with a linear range of 0.16-1.25 μg/ml.
Molecular Mass	The recombinant mouse SDC4/Fc is a disulfide-linked homodimer. The reduced monomer comprises 364 amino acids and has a predicted molecular mass of 40.5 kDa. The apparent molecular mass of the protein is approximately 33 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.

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	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.
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	Sdc4 syndecan 4 [Mus musculus]
Official Symbol	SDC4
Synonyms	SDC4; syndecan 4; syndecan-4; ryudocan core protein; Synd4; AA959608; AW108331; ryudocan;
Gene ID	20971
mRNA Refseq	NM_011521
Protein Refseq	NP_035651

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