

Recombinant Mouse Sdc4 protein(Met1-Val146), His-tagged

Cat. No. Sdc4-7017M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SDC4 (O35988) (Met 1-Val 146) was expressed in HEK293, fused with a C-terminal polyhistidine tag.
Species	Mouse
Source	HEK293
ProteinLength	1-146 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 SDC4 comprises 134 amino acids and has a calculated molecular mass of 14.9 kDa. As a result of glycosylation, the recombinant protein migrates as an approximately 28 kDa band in SDS-PAGE under reducing conditions.
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.

 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

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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