SDC4 Mouse Recombinant Protein

PRODUCT OVERVIEW

Product Name	SDC4, Recombinant Protein
Full Product Name	Recombinant Mouse SDC4 Protein, C-His
Product Gene Name	SDC4 recombinant protein
Product Synonym Names	SYND4; Syndecan-4; Amphiglycan; Ryudocan core protein; SDC4
Host	Mammalian
Form/Format	Lyophilized from a solution in PBS pH7.4, 1mM EDTA, 4% Trehalose, 1% Mannitol.
Purity/Purification	>90% as determined by SDS-PAGE
Preparation and Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 degree C for one week. Store at -20 degree C for twelve months from the date of receipt.
Molecular Weight	21,482 Da
Sequence Positions	Glu24-Val146
3D Structure	ModBase 3D Structure for O35988
Species	Mouse
Reconstitution	Reconstitute in sterile water for a stock solution.
Product Categories/Family for SDC4 recombinant protein	Recombinant Proteins
ISO Certification	Manufactured in an ISO 9001:2015 Certified Laboratory.
Applications Tested/Suitable for SDC4 recombinant protein	SDS-PAGE (SDS), Western Blot (WB), ELISA (EIA), Immunogen
Related Product Information for SDC4 recombinant protein	MBS1579014 is a recombinant protein targeting SDC4. Also known as Recombinant Mouse SDC4 Protein, C-His. Host: Mammalian.
Other Notes	Small volumes of SDC4 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for SDC4. It may not necessarily be applicable to this product.

NCBI GI #	6755442
NCBI GeneID	20971
NCBI Accession #	NP_035651.1
UniProt Primary Accession #	O35988
UniProt Related Accession #	O35988
GenBank Nucleotide #	NM_011521.2
NCBI Official Full Name	syndecan-4

NCBI Official Synonym Full Names	syndecan 4
NCBI Official Symbol	Sdc4
NCBI Official Synonym Symbols	Synd4; AA959608; AW108331; ryudocan; syndecan-4
UniProt Protein Name	Syndecan-4
UniProt Synonym Protein Names	Ryudocan core protein
Protein Family	Syndecan
UniProt Gene Name	Sdc4
UniProt Synonym Gene Names	SYND4
UniProt Entry Name	SDC4_MOUSE
NCBI Protein Information	syndecan-4; ryudocan core protein
UniProt Comments for SDC4	**Function:** Cell surface proteoglycan that bears heparan sulfate.
Research Articles on SDC4	**1.** Sdc4 is required for cell surface targeting of transglutaminase 2 and the development of kidney fibrosis in chronic kidney disease.
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