

Recombinant Mouse SDC2 Protein (Met1-Phe141), His-tagged

Cat. No. SDC2-846M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SDC2 Protein (NP_032330.1) (Met1-Phe141) was produced by HEK293 Cells expression system. This protein was expressed with a polyhistidine tag at the C-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Met1-Phe141
Description	The key players in the miR-2a-5p/SDC2 axis may be a potential diagnostic biomarker and therapeutic target for OS patients. SDC2 methylation as a blood-based DNA test for early detection of colorectal cancer (CRC).
Predicted N Terminal	Glu 19
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 mouse SDC2 consists of 134 amino acids and predicts a molecular mass of 14.8 kDa.
Endotoxin	< 1.0 EU per µg protein as determined by the LAL method.
Purity	> 95 % as determined by SDS-PAGE.

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Stability	Samples are stable for up to twelve months from date of receipt at -70 centigrade.
Storage	Store it under sterile conditions at -20 centigrade to -80 centigrade. 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 mg/ml. Centrifuge the vial at 4°C before opening to recover the entire contents.
Shipping	In general, recombinant proteins are provided as lyophilized powder which are shipped at ambient temperature. Bulk packages of recombinant proteins are provided as frozen liquid. They are shipped out with blue ice unless customers require otherwise.

GENE INFORMATION

Gene Name	Sdc2 syndecan 2 [Mus musculus]
Official Symbol	SDC2
Synonyms	SDC2; syndecan 2; syndecan-2; HSPG; fibroglycan; Hspg1; Synd2; AA960457; 4833414L08Rik;
Gene ID	15529
mRNA Refseq	NM_008304
Protein Refseq	NP_032330
UniProt ID	Q99L05

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