

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

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

### SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Met1-Phe141
<b>Description</b>	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).
<b>Predicted N Terminal</b>	Glu 19
<b>Form</b>	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
<b>Molecular Mass</b>	The recombinant mouse SDC2 consists of 134 amino acids and predicts a molecular mass of 14.8 kDa.
<b>Endotoxin</b>	< 1.0 EU per µg protein as determined by the LAL method.
<b>Purity</b>	> 95 % as determined by SDS-PAGE.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

<b>Stability</b>	Samples are stable for up to twelve months from date of receipt at -70 centigrade.
<b>Storage</b>	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.
<b>Reconstitution</b>	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.
<b>Shipping</b>	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

<b>Gene Name</b>	<a href="#">Sdc2 syndecan 2 [ Mus musculus ]</a>
<b>Official Symbol</b>	<a href="#">SDC2</a>
<b>Synonyms</b>	SDC2; syndecan 2; syndecan-2; HSPG; fibroglycan; Hspg1; Synd2; AA960457; 4833414L08Rik;
<b>Gene ID</b>	<a href="#">15529</a>
<b>mRNA Refseq</b>	<a href="#">NM_008304</a>
<b>Protein Refseq</b>	<a href="#">NP_032330</a>
<b>UniProt ID</b>	<a href="#">Q99L05</a>

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA