

# Recombinant Human SDCBP Protein (Met1-Val298), His-tagged

Cat. No. SDCBP-619H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant Human SDCBP Protein (NP_001007068.1) (Met1-Val298) was produced by E. coli expression system. This protein was expressed with a polyhistidine tag at the N-terminus.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	Met1-Val298
<b>Description</b>	Syntenin1/SDCBP (syndecan binding protein), also known as melanoma differentiation associated gene-9 (MDA-9), is a PDZ domain-containing molecule, which was initially identified as a key oncogene in melanoma. IL-6 promotes glioma cell proliferation and invasion by inducing SDCBP expression, which is mediated by JAK2/STAT3 signaling. SDCBP might be an important marker for identifying Triple negative breast cancer (TNBC) cases that are suitable for dasatinib therapy.
<b>Predicted N Terminal</b>	Met
<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 human SDCBP consists of 316 amino acids and predicts a molecular mass of 34.7 kDa.

 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>Purity</b>	> 90 % as determined by SDS-PAGE.
<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>	SDCBP syndecan binding protein (syntenin) [ Homo sapiens ]
<b>Official Symbol</b>	SDCBP
<b>Synonyms</b>	SDCBP; syntenin-1; SYCL; scaffold protein Pbp1; syndecan-binding protein 1; ST1; MDA-9; TACIP18;
<b>Gene ID</b>	6386
<b>mRNA Refseq</b>	NM_001007067
<b>Protein Refseq</b>	NP_001007068

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<b>MIM</b>	602217
<b>UniProt ID</b>	O00560

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