

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	E.coli
ProteinLength	Met1-Val298
Description	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.
Predicted N Terminal	Met
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 human SDCBP consists of 316 amino acids and predicts a molecular mass of 34.7 kDa.

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

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MIM	602217
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UniProt ID	O00560
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