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## Datasheet for ABIN7319068 SDCBP Protein (His tag)

### Overview

Quantity:	50 µg
Target:	SDCBP
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SDCBP protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human Syntenin-1/SDCBP Protein (His Tag)
Sequence:	Ser2-Val298
Characteristics:	Recombinant Human Syndecan-binding protein 1 is produced by our E.coli expression system and the target gene encoding Ser2-Val298 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	SDCBP
Alternative Name:	Syntenin-1/SDCBP ( <a href="#">SDCBP Products</a> )
Background:	Background: Syntenin-1 is a molecule linking syndecan-mediated signaling to the cytoskeleton. Syntenin-1 is primarily localized to membrane-associated adherens junctions and focal adhesions but also found at the endoplasmic reticulum and nucleus. The syntenin protein

## Target Details

contains tandemly repeated PDZ domains that bind the cytoplasmic, C-terminal domains of a variety of transmembrane proteins. Syntenin-1 may affect cytoskeletal-membrane organization, cell adhesion, protein trafficking, and the activation of transcription factors. It seems to function as an adapter protein, in adherens junctions may function to couple syndecans to cytoskeletal proteins or signaling components. Syntenin-1 seems to couple transcription factor SOX4 to the IL-5 receptor (IL5RA) and play a role in vesicular trafficking.

Synonym: Syntenin-1, Melanoma differentiation-associated protein 9, Pro-TGF-alpha cytoplasmic domain-interacting protein 18, Scaffold protein Pbp1, Syndecan-binding protein 1, SDCBP, MDA9, SYCL,

Molecular Weight:	33.5 kDa
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UniProt:	<a href="#">O00560</a>
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## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Frozen, Liquid
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Buffer:	Supplied as a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.4.
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Storage:	-20 °C
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Storage Comment:	Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.
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