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Recombinant Mouse Syntenin-1/SDCBP Protein (His Tag)

Catalog No. PKSM041152

Description

Synonyms	Syntenin-1; Scaffold protein Pbp1; Syndecan-binding protein 1; Sdcbp
Species	Mouse
Expression_host	E.coli
Sequence	Ser2-Val299
Accession	O08992
Mol_Mass	33.4 kDa
AP_Mol_Mass	32-34kDa
Tag	C-6His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per µg as determined by the LAL method.
Storage	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from a 0.2 µm filtered solution of 20mM PB, 150mM NaCl, pH7.4.
Reconstitution	Please refer to the printed manual for detailed information.

Background

SDCBP, also called syntenin-1, is short for Syndecan-binding protein 1. It is expressed by the gene Sdcbp. SDCBP seems to function as an adapter protein. In adherens junctions, the protein may function to couple syndecans to cytoskeletal proteins or signaling components. Meanwhile it seems to couple transcription factor SOX4 to the IL-5 receptor (IL5RA). SDCBP also play a role in vesicular trafficking, and is required for the targeting of TGFA to the cell surface in the early secretory pathway.

SDS-PAGE

