



Recombinant Protein Technical Manual

Recombinant Mouse Syntenin/SDCBP Protein (His Tag)

RPE3109

Product Data:

Product SKU: RPE3109

Size: 10 μ g

Species: Mouse

Expression host: E. coli

Uniprot: O08992

Protein Information:

Molecular Mass: 33.4 kDa

AP Molecular Mass: 32-34kDa

Tag: C-6His

Bio-activity:

Purity: > 95 % as determined by SDS-PAGE

Endotoxin: < 1.0 EU per μ g as determined by the LAL method.

Storage: 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 μ m filtered solution of 20mM PB,150mM NaCl,pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

Synonyms: Syntenin;Scaffold protein Pbp1;Syndecan-binding protein 1;Sdcbp

Immunogen Information:

Sequence: Ser2-Val299

Background:

SDCBP, also called syntenin, 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.