

## 32-7631: Recombinant Mouse Syndecan-Binding Protein 1/Syntenin-1/SDCBP (C-6His)(Discontinued)

**Gene :** Sdcbp  
**Gene ID :** 53378  
**Uniprot ID :** O08992

### Description

Source: E.coli.  
MW :33.4kD.

Recombinant Mouse Syntenin-1 is produced by our E.coli expression system and the target gene encoding Ser2-Val299 is expressed with a 6His tag at the C-terminus. 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.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.  
**Storage condition :** Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MSLYPSLEDLKVVDKVIQAQTAYSANPASQAFVLVDASAALPPDGNLYPKLYPELSQYMGLSLNEAEI  
CESMPMVSGAPAQQQLVARPSSVNYMVAPVTGNDAGIRRAEIKQGIREVILCKDQDGKIGLRKLSI  
DNGIFVQLVQANSPASLVGLRFGDQVLQINGENCAGWSSDKAHKVLKQAFGEKITMTIRDRPFERT  
VTMHKDSSGHVGFIFKSGKITSIVKDSSAARNGLTDDHICEINGQNVIGLKDAQIADILSTAGTVVTIT  
IMPTFIFEHIKRMAPSIMKSLMDHTIPEVLEHHHHHH

### Application Note

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 Åµg/ml. Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

**Endotoxin :** Less than 0.1 ng/Åµg (1 IEU/Åµg) as determined by LAL test.