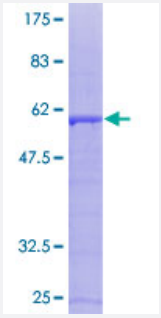
Full-Length

# SDCBP (Human) Recombinant Protein (P01)

Catalog # H00006386-P01 Size 25 ug, 10 ug

## Applications




## Specification

| | |
|---|---|
| **Product Description** | Human SDCBP full-length ORF ( NP_001007068.1, 1 a.a. - 298 a.a.) recombinant protein with GST-tag at N-terminal. |
| **Sequence** | MSLYPSLEDLKVDKVIQAQTAFSANPANPAILSEASAPIPHDGNLYPRLYPELSQYMGLSLNEEEIR ANVAVVSGAPLQGQLVARPSSINYMVAPVTGNDVGIRRAEIKQGIREVILCKDQDGKIGLRLKSIDN GIFVQLVQANSPASLVGLRFGDQVLQINGENCAGWSSDKAHKVLKQAFGEKITMTIRDRPFERTIT MHKDSTGHVGFIFKNGKITSIVKDSSAARNGLLTEHNICEINGQNVIGLKDSQIADILSTSGTVVTITIM PAFIFEHIIKRMAPSIMKSLMDHTIPEV |
| **Host** | Wheat Germ (in vitro) |
| **Theoretical MW (kDa)** | 58.8 |
| **Preparation Method** | *in vitro* wheat germ expression system |
| **Purification** | Glutathione Sepharose 4 Fast Flow |
| **Quality Control Testing** | 12.5% SDS-PAGE Stained with Coomassie Blue. |
| **Storage Buffer** | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| **Storage Instruction** | Store at -80°C. Aliquot to avoid repeated freezing and thawing. |
| **Note** | Best use within three months from the date of receipt of this protein. |

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## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — SDCBP

| | |
|---|---|
| **Entrez GeneID** | 6386 |
| **GeneBank Accession#** | NM_001007067.1 |
| **Protein Accession#** | NP_001007068.1 |
| **Gene Name** | SDCBP |
| **Gene Alias** | MDA-9, ST1, SYCL, TACIP18 |
| **Gene Description** | syndecan binding protein (syntenin) |
| **Omim ID** | 602217 |
| **Gene Ontology** | Hyperlink |
| **Gene Summary** | The protein encoded by this gene was initially identified as a molecule linking syndecan-mediated signaling to the cytoskeleton. The syntenin protein contains tandemly repeated PDZ domains that bind the cytoplasmic, C-terminal domains of a variety of transmembrane proteins. This protein ma y also affect cytoskeletal-membrane organization, cell adhesion, protein trafficking, and the activat ion of transcription factors. The protein is primarily localized to membrane-associated adherens ju nctions and focal adhesions but is also found at the endoplasmic reticulum and nucleus. Alternativ e splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq |
| **Other Designations** | melanoma differentiation associated protein-9\|pro-TGF-alpha cytoplasmic domain-interacting pro tein 18\|scaffold protein Pbp1\|syntenin |

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