

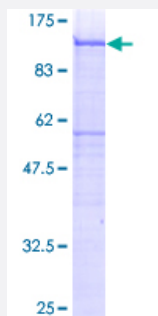
Full-Length

SDC4 (Human) Recombinant Protein (P01)

Catalog # H00006385-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SDC4 full-length ORF (AAH30805, 19 a.a. - 198 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ESIRETEVIDPQDLLEGYFSGALPDDEDVVGPGQESDDFELSGSGDLDDLEGSMIGPEVVHPL VPLDNHIPERAGSGSQVPTPEPKKLEENEVIPKRISPVEESEDVSNKVSMSSTVQGSNIFERTEVLA ALVGGVGILFAVFLILLMYRMKKKDEGSYDLGKKPYKKAPTNEFYA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	45.54
Interspecies Antigen Sequence	Mouse (82); Rat (82)
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.

Applications

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

Gene Info — SDC4

Entrez GeneID	6385
GeneBank Accession#	BC030805
Protein Accession#	AAH30805
Gene Name	SDC4
Gene Alias	MGC22217, SYND4
Gene Description	syndecan 4
Omim ID	600017
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a transmembrane (type I) heparan sulfate proteoglycan that functions as a receptor in intracellular signaling. The encoded protein is found as a homodimer and is a member of the syndecan proteoglycan family. This gene is found on chromosome 20, while a pseudogene has been found on chromosome 22. [provided by RefSeq]
Other Designations	OTTHUMP00000031788 amphiglycan ryudocan amphiglycan ryudocan core protein syndecan 4 (amphiglycan, ryudocan) syndecan proteoglycan 4

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

- [ECM-receptor interaction](#)

Disease

- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Varicose Ulcer](#)