

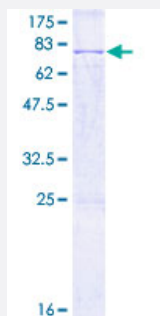
Full-Length

SPOCK1 (Human) Recombinant Protein (P01)

Catalog # H00006695-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SPOCK1 full-length ORF (AAH30691.1, 1 a.a. - 439 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MPAIAVLAAAAAWCFLQVESRHLDALAGGAGPNHGNFLDNDQWLSTV/SQYDRDKYWNRFRD
DDYFRNWNPNKPFDKALDPSKDPCLVKCSPHKVCVTQDYQTALCVSRKHLLPRQKKGNVAQK
HWVGPSNLVKCKPCPVAQSAMVCGSDGHSYTSKCKLEFHACSTGKSLATLCDGPCPLPEPE
PPKHAERSACTDKELRNLASRLKDWFGALHEDANRVIKPTSSNTAQGRFDTSILPICKDSL GWM
FNKLDMNYDLLLDPSEINAMLDKYEPCKPLFNSCDSFKDGKLSNNEWWCYCFQKPGGLPCQNEM
NRIQKLSKGKSLLGAFIPRCNEEGYYKATQCHGSTGQCWCVDKYGNELAGSRKQGAVSCEEEQE
TSGDFGSGGSVLLDDLEYERELGPKDKEGKLRVHTRAVTEDDEDDEDDKEDEVGYW

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

73.92

Interspecies Antigen Sequence

Mouse (94); Rat (95)

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 — SPOCK1

Entrez GeneID	6695
GeneBank Accession#	BC030691.1
Protein Accession#	AAH30691.1
Gene Name	SPOCK1
Gene Alias	FLJ37170, SPOCK, TESTICAN, TIC1
Gene Description	sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 1
Omim ID	602264
Gene Ontology	Hyperlink
Gene Summary	This gene encodes the protein core of a seminal plasma proteoglycan containing chondroitin- and heparan-sulfate chains. The protein's function is unknown, although similarity to thyropin-type cysteine protease-inhibitors suggests its function may be related to protease inhibition. [provided by RefSeq]
Other Designations	OTTHUMP00000159433 sparc/osteonectin, cwcv and kazal-like domains proteoglycan 1 testican -1

Disease

- [Tobacco Use Disorder](#)