

Recombinant Human SPOCK2 protein, GST-tagged

Cat. No. SPOCK2-2926H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPOCK2 protein(20-380 aa), fused with N-terminal GST tag, was expressed in E. coli.
Species	Human
Source	E. coli
ProteinLength	20-380 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	ALAEGDAKGLKEGETPGNFMEDQWLSSISQYSGKIKHWNFRDEVEDDYIKSWE DNQQGDEALDTTKDPCQKVKCSRHKVCIAQGYQRAMCISRKKLEHRIKQPTVKLHG NKDSICKPCHMAQLASVCGSDGHTYSSVCKLEQQACLSSKQLAVRCEGPCPCPTE QAATSTADGKPETCTGQDLADLGDRLRDWFQLLHENSQKNGSASSVAGPASGLDK SLGASCKDSIGWMFSKLDTSADLFLDQTELAAINLDKYEVCIRPFFNSCDTYKDGRV STAEWCFCFWREKPPCLAELERIQIEAAKKKPGIFIPSCDEDGYRKMQCDQSSG DCWCVDQLGLELTGTRTHGSPDCDDIV
Purity	75%, by SDS-PAGE with Coomassie Brilliant Blue staining.

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Storage Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid repeat freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name SPOCK2 sparc/osteonectin, cwcvc and kazal-like domains proteoglycan (testican) 2 [Homo sapiens]

Official Symbol SPOCK2

Synonyms SPOCK2; sparc/osteonectin, cwcvc and kazal-like domains proteoglycan (testican) 2; testican-2; KIAA0275; testican 2; SPARC/osteonectin, CWCVC, and Kazal-like domains proteoglycan 2; FLJ97039;

mRNA Refseq NM_001134434

Protein Refseq NP_001127906

MIM 607988

UniProt ID Q92563

Gene ID 9806

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