

Recombinant Human SPOCK2 Protein, His-tagged

Cat. No. SPOCK2-2727H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPOCK2 Protein (Glu23-Trp424) with a N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Glu23-Trp424
Description	This gene encodes a protein which binds with glycosaminoglycans to form part of the extracellular matrix. The protein contains thyroglobulin type-1, follistatin-like, and calcium-binding domains, and has glycosaminoglycan attachment sites in the acidic C-terminal region. Three alternatively spliced transcript variants that encode different protein isoforms have been described for this gene.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 48.3 kDa Accurate Molecular Mass: 48 kDa
Endotoxin	<1.0 EU per 1g (determined by the LAL method).
Purity	> 97%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Storage Buffer	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	SPOCK2 sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 2 [Homo sapiens (human)]
Official Symbol	SPOCK2
Synonyms	SPOCK2; sparc/osteonectin, cwcv and kazal-like domains proteoglycan (testican) 2; testican-2; KIAA0275; testican 2; SPARC/osteonectin, CWCV, and Kazal-like domains proteoglycan 2; FLJ97039;
Gene ID	9806
mRNA Refseq	NM_001134434
Protein Refseq	NP_001127906
MIM	607988

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UniProt ID

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