

Recombinant Human SPRY4 protein, His-tagged

Cat. No. SPRY4-2326H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human SPRY4(1-299aa) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-299 a.a.
Description	SPRY4 is an inhibitor of the receptor-transduced mitogen-activated protein kinase (MAPK) signaling pathway. It is positioned upstream of RAS (see HRAS; MIM 190020) activation and impairs the formation of active GTP-RAS.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M urea
Molecular Mass	34.9 kDa (322aa)
AA Sequence	MGSSHHHHHH SGLVPRGSH MGSMEPIPIQ SAPLTPNSVM VQPLLSRMS HSRLQHPLTI LPIDQVKTSV VENDYIDNPS LALTTGPKRTRGGAPLAPT PARCDQDVTH HWISFSGRPS SVSSSSSTSS DQRLLDHMAP PPVADQASPR AVRIQPKVVH CQPLDLKGPA VPPELDKHFLCEACGKCKC KECASPRTLT SCWVCNQECL CSAQTLVNYG TCMCLVQGIF YHCTNEDDEG SCADHPCSCS RSNCCARWSF MGALSVVLPCLLCYLPATGC VKLAQRGYDR LRRPGCRCKH TNSVICKAAS GDAKTSRPDK PF

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Purity	> 85% by SDS - PAGE
Storage	Can be stored at +4 centigrade short term (1-2 weeks). For long term storage, aliquot and store at -20 centigrade or -70 centigrade. Avoid repeated freezing and thawing cycles.
Concentration	1mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	SPRY4 sprouty homolog 4 (Drosophila) [Homo sapiens]
Official Symbol	SPRY4
Synonyms	SPRY4; sprouty homolog 4 (Drosophila); protein sprouty homolog 4; spry-4;
Gene ID	81848
mRNA Refseq	NM_001127496
Protein Refseq	NP_001120968
MIM	607984
UniProt ID	Q9C004
Chromosome Location	5q31.3
Pathway	Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem;

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Function

protein binding;

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