

## Product datasheet for **TP322860L**

### Sprouty 1 (SPRY1) (NM\_199327) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Homo sapiens sprouty homolog 1, antagonist of FGF signaling (Drosophila) (SPRY1), transcript variant 2, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC222860 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MDPQNHGSGSSLVVIQQPSLDSRQLDYEREIQPTAILSQDIKAIRGSNEYTEGPSVWKRPAAPRTAPR  
QEKHERTHEIIPINVNNNYEHRHTSHLGHAVLPSNARGPILSRSTSTGSAASSGNSASSASSEQLLGRSP  
PTRVPVGHRSERAIARTQPKQLIVDDLKGLKEDLTQHKFICEQCCKCKGECTAPRTLPSCLACNRQCLC  
SAESMVEYGTCLVKGIFYHCSNDDEGDSYSDNPCSCSQSHCCSRYLCMGAMSLFLPCLLCYPPAKGCL  
KLCRRCYDWIHRPGCRCKNSNTVYCKLESCPSRGQGKPS

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	34.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_955359</a>
Locus ID:	10252



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UniProt ID:	<a href="#">O43609</a>
RefSeq Size:	2380
Cytogenetics:	4q28.1
RefSeq ORF:	957
Synonyms:	hSPRY1
Summary:	May function as an antagonist of fibroblast growth factor (FGF) pathways and may negatively modulate respiratory organogenesis.[UniProtKB/Swiss-Prot Function]
Protein Families:	Druggable Genome
Protein Pathways:	Jak-STAT signaling pathway

**Product images:**

Coomassie blue staining of purified SPRY1 protein (Cat# [TP322860]). The protein was produced from HEK293T cells transfected with SPRY1 cDNA clone (Cat# [RC222860]) using MegaTran 2.0 (Cat# [TT210002]).