

Product datasheet for **TP322860**

Sprouty 1 (SPRY1) (NM_199327) Human Recombinant Protein

Product data:

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|---------------------------------------|---|
| Product Type: | Recombinant Proteins |
| Description: | Purified recombinant protein of Homo sapiens sprouty homolog 1, antagonist of FGF signaling (Drosophila) (SPRY1), transcript variant 2, 20 µg |
| Species: | Human |
| Expression Host: | HEK293T |
| Expression cDNA Clone or AA Sequence: | >RC222860 protein sequence Red =Cloning site Green =Tags(s) |

MDPQNHGSGSSLVVIQQPSLDSRQLDYEREIQPTAILSQDIKAIRGSNEYTEGPSWKRPAAPRTAPR
QEKHERTHEIIPINVNNNYEHRHTSHLGHAVLPSNARGPILSRSTSTGSAASSGNSASSASSEQLLGRSP
PTRVPVGHRSERAIQTQPKQLIVDDLKGLKEDLTQHKFICEQCCKKCGECTAPRTLPSCLACNRQCLC
SAESMVEYGTCLVKGIFYHCSNDDEGDSYSDNPCSCSQSHCCSRYLCMGAMSLFLPCLLCYPPAKGCL
KLCRRCYDWIHRPGCRCKNSNTVYCKLESCPSRGQKPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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|----------------|--|
| 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: | NP_955359 |
| Locus ID: | 10252 |



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| | |
|-------------------|--|
| UniProt ID: | O43609 |
| 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]).