

Product datasheet for PH322860

Sprouty 1 (SPRY1) (NM_199327) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	SPRY1 MS Standard C13 and N15-labeled recombinant protein (NP_955359)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC222860
Predicted MW:	35.1 kDa
Protein Sequence:	>RC222860 protein sequence Red=Cloning site Green=Tags(s)

MDPQNQHGSGLVVIQQPSLDSRQRLDYEREIQPTAILSLDQIKAIRGSNEYTEGPSVVKRPAPRTAPR
QEKHERTHEIIPINVNNNYEHRHTSHLGHAVLPSNARGPILSRSTSTGSAASSGSNSASSEQGLLGRSP
PTRPVPGHRSEAIRTPKQLIVDDLKGLKEDLTQHKFICEQCGKCKGECTAPRTLPSCLACNRQCLC
SAESMVEYGTMCMLVKGIFYHCSNDDEGDSYDNPCSCSQSHCCSRYLCMGAMSLFLPCLLCYPPAKGCL
KLCRRCYDWIHRPGCRCKNSNTVYCKLESCPSRGGQKPS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_955359
RefSeq Size:	2380
RefSeq ORF:	957
Synonyms:	hSPRY1
Locus ID:	10252



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UniProt ID:	O43609
Cytogenetics:	4q28.1
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]).