

AR51150PU-S

Human Sprouty homolog 4 / SPRY4 (1-299, His-tag) - Purified

Alternate names:	Sprouty 4, Spry-4
Quantity:	0.1 mg
Concentration:	1mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q9C004
NCBI:	NP_001120968
GeneID:	81848
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea
Description:	Recombinant human SPRY4 protein, fused to His-tag at N-terminus, was expressed in E.coli . AA Sequence: MGSSHHHHH SSGLVPRGSH MGSMEPPIPQ SAPLTPNSVM VQPLDSRMS HSRLQHPLTI LPIDQVKTSV VENDYIDNPS LALTTGPKRT RGGAPLAPT PARCDQDVTH HWISFSGRPS SVSSSSSTSS DQRLLDHMAP PPVADQASPR AVRIQPKVVH CQPLDLKGA VPPELDKHFL LCEACGKCKC KECASPRTP SCWVCNQECL CSAQTLVNYG TCMCLVQGIF YHCTNEDDEG SCADHPCSCS RSNCCARWSF MGALSVVLPC LLCYLPATGC VKLAQRGYDR LRRPGCRCKH TNSVICKAAS GDAKTSRPAK PF Molecular weight: 34.9 kDa (322aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Katoh Y, Katoh M. (2006). Int J Mol Med 17 (3): 529–32
Pictures:	

