9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

SPRY4 Human

Sprouty Homolog 4 Human Recombinant
RCP2230

Product Overview

Name	SPRY4 Human
Description	
Sprouty Homolog 4 Human Recombinant	
Accession (Primary)	Q9C004
Synonyms	
Protein sprouty homolog 4, SPRY4, Sprouty Homolog 4, Spry-4, Protein sprouty homolog 4 isoform 2, Sprouty homolog 4 (Drosophila).	
Introduction	
Sprouty Homolog 4 (SPRY4) is an inhibitor of the receptor-transduced mitogen-activated protein kinase (MAPK) signaling pathway. SPRY4 is positioned upstream of RAS activation. SPRY4 protein functions include suppressing the EGFR-transduced MAPK signaling pathway as well as impairing the formation of GTP-Ras.	
Source	
Escherichia Coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The SPRY4 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.	
Stability	
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.	
Purity	
Greater than 85.0% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS MEPPIPQ SAPLTPNSVM VQPLLDSRMS HSRLQHPLTI LPIDQVKTSH VENDYIDNPS LALTTGPKRT RGGAPELAPT PARCDQDVTH HWISFSGRPS SVSSSSSTSS DQRLLDHMAP PPVADQASPR AVRIQPKVVH CQPLDLKGPA VPPELDKHFL LCEACGKCKC KECASPRTLP SCWVCNQECL CSAQTLVNYG TCMCLVQGIF YHCTNEDDEG SCADHPCSCS RSNCCARWSF MGALSVVLPC LLCYLPATGC VKLAQRGYDR LRRPGCRCKH TNSVICKAAS GDAKTSRPDK PF.	

9051 Mira Mesa Blvd, #910094
San Diego, CA 92191
Tel: 760-390-3989

Precautions

SPRY4 Human is for research use only and not for use in diagnostic or therapeutic procedures.

Target Information: (Q9C004)