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32-4950: Recombinant Human Sprouty Homolog 4

Alternative Name : Protein sprouty homolog 4,SPRY4,Sprouty Homolog 4,Spry-4,Protein sprouty homolog 4 isoform 2,Sprouty homolog 4 (Drosophila).

Description

Source : Escherichia Coli. SPRY4 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 322 amino acids (1-299) and having a molecular mass of 34.9 kDa.SPRY4 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. 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 insulin receptor and EGFR-transduced MAPK signaling pathway as well as impairing the formation of GTP-Ras.

Product Info

Amount :	25 µg
Purification :	Greater than 85.0% as determined by SDS-PAGE.
Content :	The SPRY4 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.
Storage condition :	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.
Amino Acid :	MGSSHHHHHH SSGLVPRGSH MGSMEPPIPQ 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.

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