

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 MGSMEPIIQ SAPLTPNSVM VQPLLSRMS HSRLQHPLTI LPIDQVKTSH VENDYIDNPS LALTTGPKRT RGGAPELAPT PARCDQDVTH HWISFSGRPS SVSSSSSTSS DQRLLDHMAP PPVADQASPR AVRIQPKVVH CQPLDLKGPA VPPELDKHFL LCEACGKCKC KECASPRTL P SCWVCNQECL CSAQTLVNYG TCMCLVQGIF YHCTNEDDEG SCADHPCSCS RSNCCARWSF MGALSVVLPCLLCYLPATGC VKLAQRGYDR LRRPGCRCKH TNSVICKAAS GDAKTSRDPK PF.