

32-4983: Recombinant Human Stathmin Like-2

Alternative Name : SCG10,STMB2,SCGN10,AI159727,STMN-2,Stathmin-2,Superior cervical ganglion-10 protein,Protein SCG10,STMN2,SGC10,stathmin-like 2.

Description

Source : Escherichia Coli. Recombinant Human Stathmin Like-2 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 142 amino acids (39-179 a.a) and having a molecular mass of 16.4 kDa. STMN2 is purified by conventional chromatography techniques. STMN2 is a neuronal growth-associated protein which shares a majority of its amino acid sequence with the phosphoprotein stathmin. STMN2 is involved in neuronal differentiation and in modulating membrane interaction with the cytoskeleton through neurite outgrowth. STMN2 is necessary for maintaining the anchorage-independent growth state of beta-catenin/TCF-activated hepatoma cells. SCG10 is a novel indicator of osteogenesis and osteoblast that takes part in the regulation of the adipocyte/osteoblast balance. STMN2 plays a role as an effector downstream of Rnd1 to regulate axon extensions by modulating microtubule organization.

Product Info

Amount : 10 µg
Purification : Greater than 90.0% as determined by SDS-PAGE.
Content : The STMN2 protein solution contains 50mM Tris-HCl, pH-7.5 and 10% Glycerol.
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 : MDMEVKQINK RASGQAFELI LKPPPISEA PRTLASPKKK DLSLEEIQKK LEAAEERRKS QEAQVLKQLA EKREHEREVL QKALENNNF SKMAEKLIL KMEQIKENRE ANLAAIIERL QEKERHAAEV RRNKELQVEL SG.