

STMN3, 39-180aa, Human, His tag, E.coli

Cat.NO.: TP04067

3th Edition

Synonyms:SCLIP, Stathmin-3 9330161A03Rik, AI604839, R75323, Sclip, OTTHUMP00000031570, OTTMUSP00000018010, RP23-83A14.1, SCG10-like protein, Scgn10 like protein, Stathmin like 3, Stathmin Like-3

Description:STMN3, also known as stathmin3, is a 180 amino acid neuronal specific protein which belongs to the stathmin/oncoprotein 18 family of microtubule-destabilizing phosphoproteins. It is similar to the SCG10 protein and is involved in signal transduction and regulation of microtubule dynamics. Recombinant human STMN3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer(pH 8.0) containing 10% glycerol 1mM DTT.

Molecular Weight:18.9 kDa (163aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMDMEVKQLDKRASGQSFEVILKSPSDLSPESPMLSSPPKKKDTSLLEELQKRLEAA
EERRKTQEAQVLKQLAERREHEREVLHKALEENNNFSRQAEKLNKYMELSKEREIHAHLAALRERLREKELHAAEV
RRNKEQREEMSG

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.