

**Stathmin-2, 39-179 aa, Human, E.coli**

**Cat.NO.: TP04055**

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3th Edition

**Synonyms:**STMN2, SCG10, SCGN10, SGC10, Superior cervical ganglion-10 Neuronal growth associated protein, SCG 10, SCG10 protein, SCGN 10, SGC 10, Stathmin 2, Superior cervical ganglia neural specific 10

**Description:**Stathmin-2, also known as SCG10, is a neuronal growth-associated protein which shares significant amino acid sequence similarity with the phosphoprotein stathmin. This protein may play a role in neuronal differentiation and in modulating membrane interaction with the cytoskeleton during neurite outgrowth. Recombinant Stathmin-2 protein was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:**Liquid. In 50mM Tris-HCl buffer (pH7.5) containing 10% glycerol

**Molecular Weight:**16.4 kDa (142aa), confirmed by MALDI-TOF.

**Sequences:**

MDMEVKQINKRASGQAFELILKPPSPISEAPRTLASPKKKDLSLEEIQKKLEAAEERRKSQEAQVLKQLAEKREHER  
EVLQKALEENNNFSKMAEEKLILKMEQIKENREANLAAIIERLQEKERHAAEVRRNKELQVELSG

**Purity:**> 95% by HPLC

**Concentration:**1 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.