

SEPT3, 1-358aa, Human, His tag, E.coli

Cat.NO.: TP03889

3th Edition

Synonyms:Neuronal-specific septin-3, 41885

Description:SEPT3 belongs to the septin family of GTPases. Members of this family are required for cytokinesis. Expression is upregulated by retinoic acid in a human teratocarcinoma cell line. The specific function of this gene has not been determined. Alternative splicing of this gene results in two transcript variants encoding different isoforms. Recombinant human SEPT3 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In Phosphate buffered saline (pH7.4) containing 10% glycerol 1mM DTT

Molecular Weight:43.1 kDa (381aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHSSGLVPRGSHMGSMKGLPETRTDAAMSELVPEPRPKPAVPMKPMNSNSNLLGYIGIDTIIEQMRK
KTMKTGFDFNIMVVGQSLGKSTLVNTLFKSQVSRKASSWNREEKIPKTVEIKAIGHVIEEGGVKMKLTVIDTPGFG
DQINNENCWEPIEKYINEQYKFLKEEVNIARKKRIPDTRVHCCLYFISPTGHSLRPLDLEFMKHLKVVNIIPVIAKAD
TMTLEEKSEFKQVRKELEVNGIEFYQKEFDELEDKTENDKIRQESMPFAVVGSDKEYQVNGKRVLGRKTPWGI
IEVENLNHCEFALLRDFVIRTHLQDLKEVTHNIHYETYRAKRLNDNGGLPPGEGLLGTVLPPVPATPCPTAE

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.