

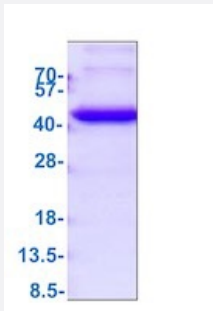
Full-Length

SEPTIN3 (Human) Recombinant Protein

Catalog # P7769

Size 500 ug

Applications



SDS-PAGE analysis of SEPTIN3 (Human) Recombinant Protein

Specification

Product Description

Human SEPTIN3 (NP_663786.2, 1 a.a. - 358 a.a) full-length recombinant protein with His tag expressed in *Escherichia coli*.

Sequence

MGSSHHHHHHSSGLVPRGSHMGSMKGLPETRTDAAMSELVPEPRPKPAVPMKPMSINSNLLGYIGDTIEQMRKKTMTKGFDFNIMVVGQSLGKSTLVNTLFKSQVSRKASSWNREEKIPKTVEIKAI
GHVIEEGGVKMKLTVIDTPGFGDQINNENCWEPIEKYINEQYEKFLKEEVNIARKKRIPDTRVHCCLY
FISPTGHSRLPLDLEFMKHLISKVVNIIPVIAKADTMTLEEKSEFKQVRKELEVNGIEFY PQKEFDE
DLEDKTENDKIRQESMPFAVVGSDKEYQVNGKRVLGRKTPWGII EVENLNHCEFALLRDFVIRTHL
QDLKEVTHNIHYETIRAKRLNDNGGLPPGEGLLGTVLPVPATPCPTAE

Host

Escherichia coli

Theoretical MW (kDa)

43.1

Form

Liquid

Preparation Method

Escherichia coli expression system

Purity

> 90% by SDS-PAGE

Quality Control Testing

3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.
SDS-PAGE analysis of SEPTIN3 (Human) Recombinant Protein

Recommend Usage

SDS-PAGE

The optimal working dilution should be determined by the end user.

Storage Buffer

In PBS, pH 7.4 (1 mM DTT, 10% glycerol).

Storage Instruction

Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — SEPT3

Entrez GeneID

[55964](#)

Protein Accession#

[Q9UH03](#)

Gene Name

SEPT3

Gene Alias

MGC133218, SEP3, bK250D10.3

Gene Description

septin 3

Omim ID

[608314](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

This gene 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. [provided by RefSeq]

Other Designations

OTTHUMP00000028742|neuronal-specific septin 3

Disease

- [Alzheimer Disease](#)
- [Lewy Body Disease](#)
- [Parkinson Disease](#)