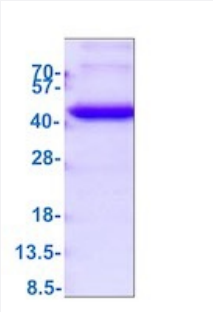
Full-Length

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	MGSSHHHHHHSSGLVPRGSHMGSMSKGLPETRTDAAMSELVPEPRPKPAVPMKPMSINSNLLG YIGIDTIIEQMRKKTMKTGFDFNIMVVGQSGLGKSTLVNTLFKSQVSRKASSWNREEKIPKTVEIKAI GHVIEEGGVKMKLTVIDTPGFGDQINNENCWEPIEKYINEQYEKFLKEEVNIARKKRIPDTRVHCCLY FISPTGHSLRPLDLEFMKHLSKVVNIIPVIAKADTMTLEEKSEFKQRVRKELEVNGIEFYPQKEFDE DLEDKTENDKIRQESMPFAVVGSDKEYQVNGKRVLGRKTPWGIIEVENLNHCEFALLRDFVIRTHL QDLKEVTHNIHYETYRAKRLNDNGGLPPGEGLLGTVLPPVPATPCPTAE
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

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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 cytoki nesis. Expression is upregulated by retinoic acid in a human teratocarcinoma cell line. The specifi c function of this gene has not been determined. Alternative splicing of this gene results in two tran script variants encoding different isoforms. [provided by RefSeq
Other Designations	OTTHUMP00000028742|neuronal-specific septin 3

Disease

- Alzheimer Disease
- Lewy Body Disease
- Parkinson Disease

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