

## Product datasheet for PH315771

### Septin 3 (SEPT3) (NM\_145733) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	SEPT3 MS Standard C13 and N15-labeled recombinant protein (NP_663786)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215771
Predicted MW:	40.5 kDa
Protein Sequence:	>RC215771 representing NM_145733 Red=Cloning site Green=Tags(s)  MSKGLPETRTDAAMSELVPEPRPKPAVPMKPMNSNLLGYIGIDIIEQMRKKTMTGDFDNIMVVGQS GLGKSTLVNTLFKSQVSRKASSWNREEKIPKTVEIKAIGHVIEEGVKMKLTVIDTPGFGDQINNENCWE PIEKYINEQYKFLKEEVNIARKKRIPDTRVHCLYFISPTGHSRLPLDLEFMKHL SKV VNIIPVIAKAD TMTLEEKSEFKQVRKELEVNGIEFYQKFEDELEDKTENDKIRQESMPFAVVGSDKEYQVNGKRVLGR KTPWGIIEVENLNHCEFALLRDFVIRTHLQDLKEVTHNIHYETYRAKRLNDNGGLPPGEGLLGTVLPPVP ATPCPTAE  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<a href="#">NP_663786</a>
RefSeq Size:	2469
RefSeq ORF:	1074
Synonyms:	bK250D10.3; SEP3; SEPT3
Locus ID:	55964



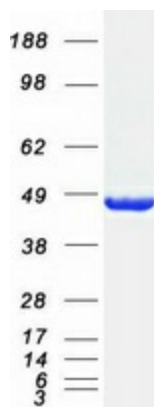
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UniProt ID: [Q9UH03](#)

Cytogenetics: 22q13.2

**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 several transcript variants encoding different isoforms. [provided by RefSeq, May 2018]

### Product images:



Coomassie blue staining of purified SEPTIN3 protein (Cat# [TP315771]). The protein was produced from HEK293T cells transfected with SEPTIN3 cDNA clone (Cat# [RC215771]) using MegaTran 2.0 (Cat# [TT210002]).