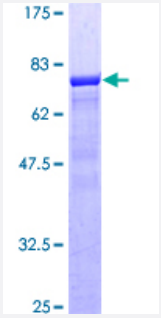
Full-Length

SEPT9 (Human) Recombinant Protein (P01)

Catalog # H00010801-P01 Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SEPT9 full-length ORF (AAH21192, 1 a.a. - 568 a.a.) recombinant protein with GST-tag at N -terminal.
Sequence	MERDRISALKRSFEVEEVETPNSTPPRRVQTPLLRATVASSTQKFQDLGVKNSEPSARHVDSLS QRSPKASLRRVELSGPKAAEPVSRRTELSIDISSKQVENAGAIGPSRFGLKRAEVLGHKTPEPAP RRTEITIVKPQESAHRRMEPPASKVPEVPTAPATDAAPKRVEIQMPKPAEAPTAPSPAQTLENSE PAPVSQLQSRLEPKPQPPVAEATPRSQEATEAAPSCVGDMADTPRDAGLKQAPASRNEKAPV DFGYVGIDSILEQMRRKAMKQGFEFNIMVVGQSGLGKSTLINTLFKSKISRKSVQPTSEERIPKTIEIK SITHDIEEKGVRMKLTVIDTPGFGDHINNENCWQPIMKFINDQYEKYLQEEVNINRKKRIPDTRVHCC LYFIPATGHSLRPLDIEFMKRLSKVVNIVPVIAKADTLTLEERVHFKQRITADLLSNGIDVYPQKEFDE DSEDRLVNEKFREMIPFAVVGSDHEYQVNGKRILGRKTKWGTIEVENTTHCEFAYLRDLLIRTHMQ NIKDITSSIHFEAYRVKRLNEGSSAMANGVEEKEPEAPEM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	88
Interspecies Antigen Sequence	Mouse (90); Rat (89)
Preparation Method	*in vitro* wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow

Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — SEPT9

Entrez GeneID	10801
GeneBank Accession#	BC021192
Protein Accession#	AAH21192.1
Gene Name	SEPT9
Gene Alias	AF17q25, FLJ75490, KIAA0991, MSF, MSF1, NAPB, PNUTL4, SINT1, SeptD1
Gene Description	septin 9
Omim ID	162100 604061
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the septin family involved in cytokinesis and cell cycle control. This gene is a candidate for the ovarian tumor suppressor gene. Mutations in this gene cause hereditary neu ralgic amyotrophy, also known as neuritis with brachial predilection. A chromosomal translocation involving this gene on chromosome 17 and the MLL gene on chromosome 11 results in acute my elomonocytic leukemia. Multiple alternatively spliced transcript variants encoding different isoform s have been described
Other Designations	MLL septin-like fusion|Ov/Br septin|ovarian/breast septin|septin D1

Disease

- Brachial Plexus Neuropathies
- Cerebral Hemorrhage
- Genetic Predisposition to Disease
- Hypertension
- Intracranial Hemorrhages
- Stroke
- Subarachnoid Hemorrhage