

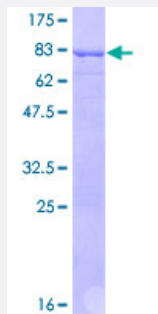
Full-Length

SEPT4 (Human) Recombinant Protein (P01)

Catalog # H00005414-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human SEPT4 full-length ORF (NP_004565.1, 1 a.a. - 478 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MDRSLGWQGNVSPEDRTEAGIKRFLEDTTDDGELSKFVKDFSGNASCHPPEAKTWASRPQVPE
PRPQAPDLYDDLEFRPPSRPQSSDNQQYFCAPAPLSPSARPRSPWGKLDPYDSEDDKEYV
GFATLPNQVHRKSVKKGFDFTLMVAGESGLGKSTLVNSLFLTDLYRDRKLLGAEERIMQTVEITKH
AVDIEEKGVRLRLTVDTPGFGDAVNNTCEWKPVAEYDQQFEQYFRDESGLNKNIQDNRVHCC
LYFISPFHGHLRPLDVEFMKALHQRVNVPIAKADTLTPPEVDHKKRKIREEIEHFGIKYQFPDCDS
DEDEDFKLQDQALKESIPFAVIGSNTVVEARGRRVRGRLYPWGIVEVENPGHCDFVKLRTMLVRT
HMQDLKDVTRETHYENYRAQCISMTRLVVKERNRNLKLTRESGTDFFIPAVPPGTDPETEKLIREK
DEELRRMQEMLHKIQKQMKENY

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

81.5

Interspecies Antigen Sequence

Mouse (93)

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 — SEPT4

Entrez GeneID	5414
GeneBank Accession#	NM_004574.2
Protein Accession#	NP_004565.1
Gene Name	SEPT4
Gene Alias	ARTS, BRADEION, CE5B3, H5, MART, PNUTL2, SEP4, hCDCREL-2, hucep-7
Gene Description	septin 4
Omim ID	603696
Gene Ontology	Hyperlink
Gene Summary	This gene is a member of the septin gene family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, Drosophila, and mouse and appear to regulate cytoskeletal organization. The protein encoded by this gene is thought to be part of a complex involved in cytokinesis. Alternatively spliced variants which encode different protein isoforms have been described; however, not all variants have been fully characterized. [provided by RefSeq]
Other Designations	cell division control-related protein 2 cerebral protein 7 peanut-like 2 septin-M

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Genetic Predisposition to Disease](#)