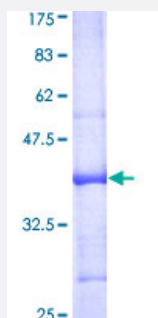


SEPT12 (Human) Recombinant Protein (Q01)

Catalog # H00124404-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human SEPT12 partial ORF (AAH35619, 259 a.a. - 358 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	NGRCVLGRKTKWGIEVENMAHCEFPLLRDLLIRSHLQDLKDITHNIHYENYRVIRLNESHLLPRGPG WVNLAPASPGQLTPRTFKVCRGAHDDSDDEF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (87); Rat (85)
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 — SEPT12

Entrez GeneID	124404
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GeneBank Accession#	BC035619
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Protein Accession#	AAH35619
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Gene Name	SEPT12
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Gene Alias	FLJ25410
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Gene Description	septin 12
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Omim ID	611562
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Gene Ontology	Hyperlink
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Gene Summary	Septins, such as SEPT12, are conserved GTP-binding proteins that function as dynamic, regulatable scaffolds for the recruitment of other proteins. They are involved in membrane dynamics, vesicle trafficking, apoptosis, and cytoskeleton remodeling, as well as infection, neurodegeneration, and neoplasia (Hall et al., 2005 [PubMed 15915442]).[supplied by OMIM]
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Other Designations	-
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