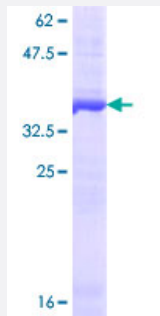


RNASEN (Human) Recombinant Protein (Q01)

Catalog # H00029102-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human RNASEN partial ORF (NP_037367.2, 1099 a.a. - 1196 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ETSPVLQKLTEFEEAIGVIFTHVRLARAFTLRTVGFNHLTLGHNQRMEFLGDSIMQLVATEYLFHF PDHHEGHLTLRSSLVNNRTQAKVAEELGM
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (100); Rat (100)
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 — RNASEN

Entrez GeneID [29102](#)

GeneBank Accession# [NM_013235](#)

Protein Accession# [NP_037367.2](#)

Gene Name RNASEN

Gene Alias DROSHA, ETOH2, HSA242976, RANSE3L, RN3, RNASE3L

Gene Description ribonuclease type III, nuclear

Omim ID [608828](#)

Gene Ontology [Hyperlink](#)

Gene Summary Members of the ribonuclease III superfamily of double-stranded (ds) RNA-specific endoribonucleases participate in diverse RNA maturation and decay pathways in eukaryotic and prokaryotic cells (Fortin et al., 2002 [PubMed 12191433]). The RNase III Drosha is the core nuclease that executes the initiation step of microRNA (miRNA) processing in the nucleus (Lee et al., 2003 [PubMed 14508493]).[supplied by OMIM]

Other Designations drosha, double-stranded RNA-specific endoribonuclease|drosha, ribonuclease type III|nuclear RNase III Drosha|putative protein p241 which interacts with transcription factor Sp1|putative ribonuclease III|ribonuclease III, nuclear

Disease

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