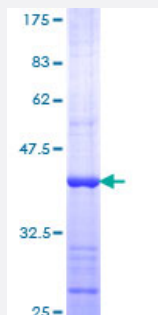


DICER1 (Human) Recombinant Protein (Q01)

Catalog # H00023405-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human DICER1 partial ORF (NP_803187, 1813 a.a. - 1912 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ESLAGAYMDSGMSLETVWQVYYPMMRPLIEKFSANVPRSPVRELLEMEPETAKFSPAERTYDG KVRVTVEVVGKGKFKGVGRSYRIAKSAAARRALRSL
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (98)
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 — DICER1

Entrez GeneID [23405](#)

GeneBank Accession# [NM_177438](#)

Protein Accession# [NP_803187](#)

Gene Name DICER1

Gene Alias DCR1, Dicer, HERNA, KIAA0928

Gene Description dicer 1, ribonuclease type III

Omim ID [606241](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein possessing an RNA helicase motif containing a DEXH box in its amino terminus and an RNA motif in the carboxy terminus. The encoded protein functions as a ribonuclease and is required by the RNA interference and small temporal RNA (stRNA) pathways to produce the active small RNA component that represses gene expression. Two transcript variants encoding the same protein have been identified for this gene. [provided by RefSeq]

Other Designations Dicer1, Dcr-1 homolog|K12H4.8-LIKE|dicer 1, double-stranded RNA-specific endoribonuclease|dicer1|helicase with RNase motif|helicase-moi

Disease

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- [Carcinoma](#)
- [Esophageal Neoplasms](#)

- [Genetic Predisposition to Disease](#)
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