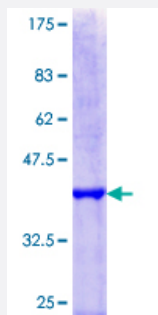


HIRA (Human) Recombinant Protein (Q01)

Catalog # H00007290-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human HIRA partial ORF (NP_003316.3, 908 a.a. - 1017 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	HVVQQETTLAYLENQVAAALTLQSSHEYRHWLLVYARYLVNEGFEYRLREICKDLLGPVHYSTGSQ WESTVVGLRKRELLKELLPVIGQNLRFQRLFTECQEQLDILRDK
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Mouse (98); Rat (95)
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 — HIRA

Entrez GeneID [7290](#)

GeneBank Accession# [NM_003325](#)

Protein Accession# [NP_003316.3](#)

Gene Name HIRA

Gene Alias DGCR1, TUP1, TUPLE1

Gene Description HIR histone cell cycle regulation defective homolog A (S. cerevisiae)

Omim ID [600237](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a histone chaperone that preferentially places the variant histone H3.3 in nucleosomes. Orthologs of this gene in yeast, flies, and plants are necessary for the formation of transcriptionally silent heterochromatin. This gene plays an important role in the formation of the senescence-associated heterochromatin foci. These foci likely mediate the irreversible cell cycle changes that occur in senescent cells. It is considered the primary candidate gene in some haploinsufficiency syndromes such as DiGeorge syndrome, and insufficient production of the gene may disrupt normal embryonic development. [provided by RefSeq]

Other Designations DiGeorge critical region gene 1|HIR histone cell cycle regulation defective homolog A

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)

- [Edema](#)