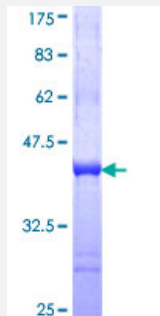


GEMIN4 (Human) Recombinant Protein (Q01)

Catalog # H00050628-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GEMIN4 partial ORF (NP_056536, 959 a.a. - 1057 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	AAGPWVQGPEQDLTQEALFVYTQVFCHALHIMAMLHPEVCEPLYVLALETLCYETLSKTNPSVS SLLQRAHEQRFLKSIAEGIGPEERRQTLLQKMSS
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (81); Rat (81)
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 — GEMIN4

Entrez GeneID [50628](#)

GeneBank Accession# [NM_015721](#)

Protein Accession# [NP_056536](#)

Gene Name GEMIN4

Gene Alias DKFZp434B131, DKFZp434D174, HC56, HCAP1, HHRF-1, p97

Gene Description gem (nuclear organelle) associated protein 4

Omim ID [606969](#)

Gene Ontology [Hyperlink](#)

Gene Summary The product of this gene is part of a large complex localized to the cytoplasm, nucleoli, and to discrete nuclear bodies called Gemini bodies (gems). The complex functions in spliceosomal snRNP assembly in the cytoplasm, and regenerates spliceosomes required for pre-mRNA splicing in the nucleus. The encoded protein directly interacts with a DEAD box protein and several spliceosome core proteins. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq]

Other Designations HCC-associated protein 1|component of gems 4|gemin 4

Disease

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

- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Kidney Neoplasms](#)
- [Lung Neoplasms](#)
- [Mouth Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Precancerous Conditions](#)