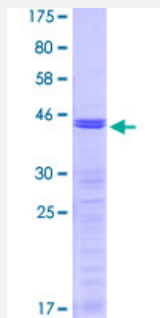


TARBP2 (Human) Recombinant Protein (Q01)

Catalog # H00006895-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TARBP2 partial ORF (NP_599150, 141 a.a. - 250 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	RSPPMELQPPVSPQQSECNPVGALQELVVQKGWRLPEYTVTQESGPAHRKEFTMTCRVERFIEI GSGTSKKLAKRNAAAKMLLRVHTVPLDARDGNEVEPDDDHFSIGVG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
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 — TARBP2

Entrez GeneID [6895](#)

GeneBank Accession# [NM_134323](#)

Protein Accession# [NP_599150](#)

Gene Name TARBP2

Gene Alias LOQS, TRBP, TRBP1, TRBP2

Gene Description TAR (HIV-1) RNA binding protein 2

Omim ID [605053](#)

Gene Ontology [Hyperlink](#)

Gene Summary HIV-1, the causative agent of acquired immunodeficiency syndrome (AIDS), contains an RNA genome that produces a chromosomally integrated DNA during the replicative cycle. Activation of HIV-1 gene expression by the transactivator Tat is dependent on an RNA regulatory element (TAR) located downstream of the transcription initiation site. The protein encoded by this gene binds between the bulge and the loop of the HIV-1 TAR RNA regulatory element and activates HIV-1 gene expression in synergy with the viral Tat protein. Alternative splicing results in multiple transcript variants encoding different isoforms. This gene also has a pseudogene. [provided by RefSeq]

Other Designations TAR (HIV) RNA binding protein 2|TAR (HIV) RNA-binding protein 2|TAR (HIV) RNA-binding protein TRBP1|TAR RNA binding protein 2|TAR RNA-binding protein 2|trans-activation responsive RNA-binding protein

Disease

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

- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Neoplasms](#)
- [Neoplasm Recurrence](#)