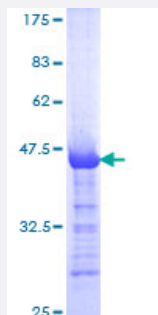


LTBP2 (Human) Recombinant Protein (Q01)

Catalog # H00004053-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human LTBP2 partial ORF (NP_000419, 1709 a.a. - 1818 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LQPSELQPHYVASHPEPPAGFEGQLQAEECGILNGCENGRCVRVREGYTCDCEFGQLDAAHMA CVDVNECDDLNGPAVLCVHGYCENTEGSYRCHCSPGYVAEAGPPHCT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	37.84
Interspecies Antigen Sequence	Rat (89)
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 — LTBP2

Entrez GeneID [4053](#)

GeneBank Accession# [NM_000428](#)

Protein Accession# [NP_000419](#)

Gene Name LTBP2

Gene Alias C14orf141, LTBP3, MSTP031

Gene Description latent transforming growth factor beta binding protein 2

Omim ID [602091](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene belongs to the family of latent transforming growth factor (TGF)-beta binding proteins (LTBP), which are extracellular matrix proteins with multi-domain structure. This protein is the largest member of the LTBP family possessing unique regions and with most similarity to the fibrillins. It has thus been suggested that it may have multiple functions: as a member of the TGF-beta latent complex, as a structural component of microfibrils, and a role in cell adhesion. [provided by RefSeq]

Other Designations -

Disease

- [Carcinoma](#)
- [Cerebral Hemorrhage](#)
- [Disease Progression](#)

- [Exfoliation Syndrome](#)
- [Genetic Predisposition to Disease](#)
- [Glaucoma](#)
- [Hepatitis C](#)
- [Hyperparathyroidism](#)
- [Hypertension](#)
- [Intracranial Hemorrhages](#)
- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Stroke](#)
- [Subarachnoid Hemorrhage](#)
- [Viremia](#)