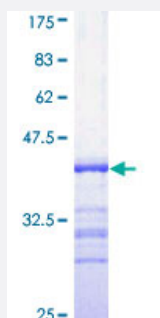


TF (Human) Recombinant Protein (Q01)

Catalog # H00007018-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human TF partial ORF (AAH59367, 551 a.a. - 650 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	FVKHQTVPQNTGGKNPDPWAKNLNEKDYELLCLDGTRKPVEEYANCHLARAPNHAVVTRKDKE ACVHKILRQQQHILFGSNVTDCSGNFCLFRSETKDLLF
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.63
Interspecies Antigen Sequence	Mouse (66); Rat (63)
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 — TF

Entrez GeneID [7018](#)

GeneBank Accession# [BC059367](#)

Protein Accession# [AAH59367](#)

Gene Name TF

Gene Alias DKFZp781D0156, PRO1557, PRO2086

Gene Description transferrin

Omim ID [190000](#) [209300](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a glycoprotein with an approximate molecular weight of 76.5 kDa. It is thought to have been created as a result of an ancient gene duplication event that led to generation of homologous C and N-terminal domains each of which binds one ion of ferric iron. The function of this protein is to transport iron from the intestine, reticuloendothelial system, and liver parenchymal cells to all proliferating cells in the body. This protein may also have a physiologic role as granulocyte/pollen-binding protein (GPBP) involved in the removal of certain organic matter and allergens from serum. [provided by RefSeq]

Other Designations -

Disease

- [Abortion](#)
- [Alzheimer disease](#)

- [Anemia](#)
- [Anoxia](#)
- [Arthritis](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Birth Weight](#)
- [Brain Ischemia](#)
- [Cardiovascular Diseases](#)
- [Carotid Artery Diseases](#)
- [Cognition](#)
- [Cognition Disorders](#)
- [Colitis](#)
- [Crohn Disease](#)
- [Cystic fibrosis](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Femur Head Necrosis](#)
- [Genetic Predisposition to Disease](#)
- [Hemochromatosis](#)
- [Iron Metabolism Disorders](#)
- [Iron Overload](#)
- [Ischemia](#)
- [Liver Cirrhosis](#)
- [Macular Degeneration](#)

- [Metabolic Syndrome X](#)
- [Myocardial Infarction](#)
- [Neoplasms](#)
- [Neurodegenerative Diseases](#)
- [Osteonecrosis](#)
- [Osteoporosis](#)
- [Psychiatric Status Rating Scales](#)
- [Recurrence](#)
- [Schizophrenia](#)
- [Stroke](#)
- [Tobacco Use Disorder](#)
- [Tuberculosis](#)