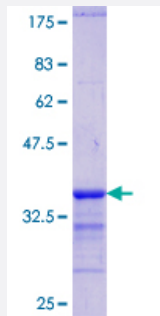


GATA1 (Human) Recombinant Protein (Q01)

Catalog # H00002623-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GATA1 partial ORF (ENSP00000365858, 123 a.a. - 199 a.a.) recombinant protein with GS T-tag at N-terminal.
Sequence	DLDGKGSTSFLETLKTERLSPDLLTLGPALPSSLPVPNSAYGGPDFSSTFFSPTGSPLNSAAYSS PKLRGTLPLPPC
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	34.21
Interspecies Antigen Sequence	Mouse (75); Rat (78)
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 — GATA1

Entrez GeneID [2623](#)

GeneBank Accession# [NM_002049](#)

Protein Accession# [ENSP00000365858](#)

Gene Name GATA1

Gene Alias ERYF1, GF-1, GF1, NFE1

Gene Description GATA binding protein 1 (globin transcription factor 1)

Omim ID [190685](#) [300367](#) [305371](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes a protein which belongs to the GATA family of transcription factors. The protein plays an important role in erythroid development by regulating the switch of fetal hemoglobin to a adult hemoglobin. Mutations in this gene have been associated with X-linked dyserythropoietic anemia and thrombocytopenia. [provided by RefSeq]

Other Designations GATA binding protein 1|NF-E1 DNA-binding protein|OTTHUMP00000023259|erythroid transcription factor 1|globin transcription factor 1|transcription factor GATA1

Disease

- [Alzheimer disease](#)
- [Cerebral Amyloid Angiopathy](#)
- [Down Syndrome](#)

- [Genetic Predisposition to Disease](#)
- [Leukemia](#)
- [Myeloproliferative Disorders](#)
- [Neuroblastoma](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Thrombocythemia](#)