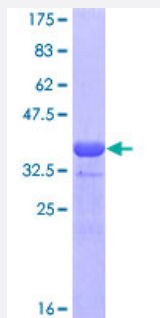


GATA4 (Human) Recombinant Protein (Q01)

Catalog # H00002626-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GATA4 partial ORF (NP_002043.2, 343 a.a. - 442 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	ASGASSNSSNATTSSSEEMRPIKTEPGLSSHYGHSSSVSQTFSVSAMS GHGPSIHPVLSALKLSP QGYASPVSQSPQTSSKQDSWNSLVLADSHGDIITA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (89); Rat (87)
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 — GATA4

Entrez GeneID	2626
GeneBank Accession#	NM_002052
Protein Accession#	NP_002043.2
Gene Name	GATA4
Gene Alias	MGC126629
Gene Description	GATA binding protein 4
Omim ID	600576 607941
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the GATA family of zinc-finger transcription factors. Members of this family recognize the GATA motif which is present in the promoters of many genes. This protein is thought to regulate genes involved in embryogenesis and in myocardial differentiation and function. Mutations in this gene have been associated with cardiac septal defects. [provided by RefSeq]
Other Designations	GATA-binding protein 4 OTTHUMP00000116010

Disease

- [Atrial Fibrillation](#)
- [Cardiovascular Abnormalities](#)
- [Cardiovascular Diseases](#)

- [Coronary Disease](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Heart Defects](#)
- [Heart Diseases](#)
- [Heart Septal Defects](#)
- [Syndrome](#)
- [Tetralogy of Fallot](#)