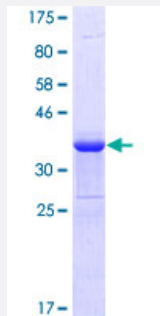


GATA3 (Human) Recombinant Protein (Q02)

Catalog # H00002625-Q02

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human GATA3 partial ORF (NP_001002295.1, 103 a.a. - 200 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	LGSHHTASPWNLSPFKTSIHGSPGPLSVYPPASSSSLSGGHASPFLFTFPPTPPKDVSPDPS LSTPGSAGSARQDEKECLKYQVPLPDSMKLESSH
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.52
Interspecies Antigen Sequence	Mouse (94); Rat (94)
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 — GATA3

Entrez GeneID	2625
GeneBank Accession#	NM_001002295
Protein Accession#	NP_001002295.1
Gene Name	GATA3
Gene Alias	HDR, MGC2346, MGC5199, MGC5445
Gene Description	GATA binding protein 3
Omim ID	131320 146255
Gene Ontology	Hyperlink
Other Designations	GATA-binding protein 3 OTTHUMP00000019070 OTTHUMP00000019071

Publication Reference

- [Gata3 directly regulates early inner ear expression of Fgf10.](#)
Economou A, Datta P, Georgiadis V, Cadot S, Frenz D, Maconochie M.
Developmental Biology 2013 Feb; 374(1):210.
Application: Func, DNA

Disease

- [Asthma](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Bronchial Hyperreactivity](#)
- [Bronchiolitis](#)
- [Dermatitis](#)
- [Genetic Predisposition to Disease](#)
- [Hodgkin Disease](#)
- [Hypersensitivity](#)
- [Infant](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Respiratory Syncytial Virus Infections](#)
- [Rhinitis](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)