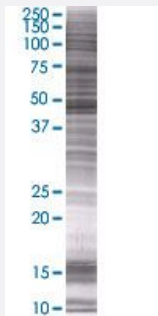


GATA1 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002623-T01

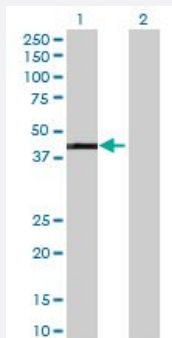
Size 100 uL

Applications



SDS-PAGE Gel

GATA1 transfected lysate.



Western Blot

Lane 1: GATA1 transfected lysate (45.54 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-GATA1 full-length
Host	Human
Theoretical MW (kDa)	45.54
Interspecies Antigen Sequence	Mouse (86); Rat (86)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-GATA1 antibody ([H00002623-B01](#)) by Western Blots.
SDS-PAGE Gel
GATA1 transfected lysate.
Western Blot
Lane 1: GATA1 transfected lysate (45.54 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — GATA1

Entrez GeneID

[2623](#)

GeneBank Accession#

[NM_002049](#)

Protein Accession#

[NP_002040](#)

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](#)