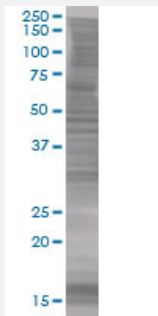


FY 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00002532-T01

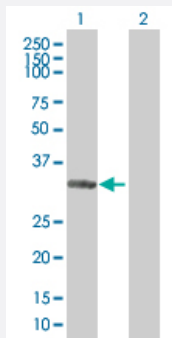
Size 100 uL

Applications



SDS-PAGE Gel

FY transfected lysate



Western Blot

Lane 1: FY transfected lysate (37.07 KDa).

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-FY full-length
Host	Human
Theoretical MW (kDa)	37.07
Interspecies Antigen Sequence	Mouse (59); Rat (60)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-FY antibody ([H00002532-B01](#)) by Western Blots.
SDS-PAGE Gel
FY transfected lysate
Western Blot
Lane 1: FY transfected lysate (37.07 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 — DARC

Entrez GeneID

[2532](#)

GeneBank Accession#

[BC017817](#)

Protein Accession#

[AAH17817](#)

Gene Name

DARC

Gene Alias

CCBP1, CD234, Dfy, FY, GPD, GpFy, WBCQ1

Gene Description

Duffy blood group, chemokine receptor

Omim ID

[110700 611162](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a glycosylated membrane protein and a non-specific receptor for several chemokines. The encoded protein is the receptor for the human malarial parasites *Plasmodium vivax* and *Plasmodium knowlesi*. Polymorphisms in this gene are the basis of the Duffy blood group system. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations

Duffy antigen/chemokine receptor|Duffy blood group antigen|Fy glycoprotein|OTTHUMP00000035293|OTTHUMP00000060081|glycoprotein D

Disease

- [Acute Disease](#)
- [Anemia](#)
- [Asthma](#)
- [Atherosclerosis](#)
- [Behcet Syndrome](#)
- [Blood Group Incompatibility](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Disease Susceptibility](#)
- [Ductus Arteriosus](#)
- [Edema](#)
- [Elliptocytosis](#)
- [Genetic Predisposition to Disease](#)
- [HIV Infections](#)
- [Infant](#)
- [Kidney Diseases](#)
- [Leukopenia](#)
- [Lung Diseases](#)
- [Malaria](#)
- [Nervous System Diseases](#)
- [Neutropenia](#)
- [Rh Isoimmunization](#)
- [Schizophrenia](#)