

Proteoliposomes

Full-Length

DARC (Human) Recombinant Protein

Catalog # H00002532-G01

Size 10 ug

Specification

Product Description

Human DARC full-length ORF (NP_002027.2) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MGNCLHRAELSPSTENSSQLDFEDVWNSSYGVNDSFPDGDYGANLEAAAPCHSCNLLDDDSALP
FFILTSVLGILASSTVLFMLFRPLFRWQLCPGWPVLAQLAVGSALFSMVPVLAPGLGSTRSSALC
SLGYCVWYGSAFAQALLLGCHASLGHRLGAGQVPGLTLGLTVGIWGVAAALLTPVTLASGASGGL
CTLIYSTEKALQATHTVACLAIFVLLPLGLFGAKGLKKALGMGPWMMNILWAWFIFWWPHGVVL
GLDFLVRSKLLLLSTCLAQQALDLLLLNLAELAILHCVATPLLLALFCHQATRTLLPSLPLPEGWSS
HLDTLGSKS

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

35.6

Interspecies Antigen Sequence

Mouse (60); Rat (60)

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

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

- Antibody Production

Gene Info — DARC

Entrez GeneID	2532
GeneBank Accession#	NM_002036.2
Protein Accession#	NP_002027.2
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](#)