

Recombinant Full Length Human DARC Protein, GST-tagged

Cat. No. DARC-5281HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human FY full-length ORF (AAH17817, 1 a.a. - 336 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	336 amino acids
Description	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]
Molecular Mass	62.7 kDa
AA Sequence	MGNCLHRAELSPSTENSSQLDFEDVWNSSYGVNDSFPDGDYGANLEAAAPCHSCN LLDDSALPFFILTSVLGILASSTVLSMLFRPLFRWQLCPGWPVLAQLAVGSALFSIVVP VLAPGLGSTRSSALCSLGYCVWYGSAFAQALLLGCHASLGHR LGAGQVPGLTLGLT VGIWGVAALLTLPVTLASGASGGLCTLIYSTEKALQATHTVACLAIFVLLPLGLFGAK GLKKALGMGPGPWMNILWAWFIFWWPHGVVLGLDFLVRSKLLLLSTCLAQQALDLL LNLAELAILHCVATPLLLALFCHQATRLLPSLPLPEGWFSHLDTLGSKS

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Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	DARC Duffy blood group, chemokine receptor [Homo sapiens]
Official Symbol	DARC
Synonyms	DARC; Duffy blood group, chemokine receptor; Duffy blood group, FY; Duffy antigen/chemokine receptor; CCBP1; CD234; Dfy; GPD; glycoprotein D; Fy glycoprotein; Duffy blood group antigen; plasmodium vivax receptor; FY; GpFy; WBCQ1;
Gene ID	2532
mRNA Refseq	NM_001122951
Protein Refseq	NP_001116423
MIM	613665
UniProt ID	Q16570

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