Recombinant Full Length Human DARC Protein, GST-tagged

Cat. No. DARC-6856HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length human DARC protein without tag was expressed in Wheat Germ(in vitro).
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.
Molecular Mass	35.6 kDa
AA Sequence	MGNCLHRAELSPSTENSSQLDFEDVWNSSYGVNDSFPDGDYGANLEAAAPCHSCN LLDDSALPFFILTSVLGILASSTVLFMLFRPLFRWQLCPGWPVLAQLAVGSALFSIVVP VLAPGLGSTRSSALCSLGYCVWYGSAFAQALLLGCHASLGHRLGAGQVPGLTLGLT VGIWGVAALLTLPVTLASGASGGLCTLIYSTELKALQATHTVACLAIFVLLPLGLFGAK GLKKALGMGPGPWMNILWAWFIFWWPHGVVLGLDFLVRSKLLLLSTCLAQQALDLL LNLAEALAILHCVATPLLLALFCHQATRTLLPSLPLPEGWSSHLDTLGSKS
Applications	AP

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

GENE INFORMATION

Gene Name	ACKR1 atypical chemokine receptor 1 (Duffy blood group) [Homo sapiens (human)]
Official Symbol	DARC
Synonyms	ACKR1; atypical chemokine receptor 1 (Duffy blood group); FY; Dfy; GPD; DARC; GpFy; CCBP1; CD234; WBCQ1; DARC/ACKR1; atypical chemokine receptor 1; Duffy antigen chemokine receptor; Duffy blood group antigen; Duffy blood group system protein; Duffy blood group, chemokine receptor; Fy glycoprotein; glycoprotein D; plasmodium vivax receptor
Gene ID	2532
mRNA Refseq	NM_001122951
Protein Refseq	NP_001116423
MIM	613665
UniProt ID	Q16570

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