

Recombinant Full Length Human ACKR1 Protein

Cat. No. ACKR1-2513HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human DARC full-length ORF (NP_002027.2) recombinant protein without tag.
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.
Form	Liquid
Molecular Mass	35.6 kDa
AA Sequence	MGNCLHRAELSPSTENSSQLDFEDVWNSSYGVNDSFPDGDYGANLEAAAPCHSCN LLDDSALPFFILTSVLGILASSTVLFMLFRPLFRWQLCPGWPVLAQLAVGSALFSIVVP VLAPGLGSTRSSALCSLGYCVWYGSAFAQALLGCHASLGHRLGAGQVPGLTLGLT VGIWGVAALLTLPVTLASGASGGLCTLIYSTEKALQATHTVACLAIFVLLPLGLFGAK GLKKALGMGPGPWMNILWAWFIFWWPHGVVLGLDFLVRSKLLLLSTCLAQQALDLL LNLAELAILHCVATPLLLALFCHQATRLLPSLPLPEGWSSHLDTLGSKS

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Applications	Antibody Production Functional Study Compound Screening
Usage	Heating may cause protein aggregation. Please do not heat this product before electrophoresis.
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	ACKR1
Synonyms	ACKR1; atypical chemokine receptor 1 (Duffy blood group); 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

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UniProt ID

Q16570

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