

Recombinant Human DARC Protein, His-tagged

Cat. No. DARC-1312H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human DARC Protein (Val176-Leu332) with N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Val176-Leu332
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	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 18.3 kDa
Purity	> 95%
Applications	Positive Control; Immunogen; SDS-PAGE; WB.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for

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48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Storage Buffer

PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Reconstitution

Reconstitute in PBS or others.

GENE INFORMATION

Gene Name

DARC Duffy blood group, chemokine receptor [Homo sapiens (human)]

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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