

Recombinant Human ACKR1 Protein, MYC/DDK-tagged

Cat. No. ACKR1-4583H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human Duffy blood group, chemokine receptor (DARC), transcript variant 2 with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Human
Source	HEK293
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 <i>Plasmodium vivax</i> and <i>Plasmodium knowlesi</i>. 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	35.4 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

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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); 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

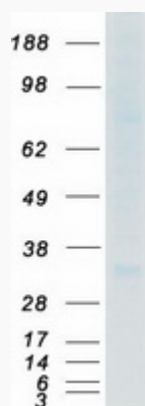
mRNA Refseq NM_002036

Protein Refseq NP_002027

MIM 613665

UniProt ID Q16570

SDS-PAGE



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