Recombinant Full Length Human ACKR1 Protein, C-Flag-tagged

Cat. No. ACKR1-155HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human ACKR1 Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
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	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	35.4 kDa
AA Sequence	MGNCLHRAELSPSTENSSQLDFEDVWNSSYGVNDSFPDGDYGANLEAAAPCHSCN LLDDSALPFFILTSV LGILASSTVLFMLFRPLFRWQLCPGWPVLAQLAVGSALFSIVV PVLAPGLGSTRSSALCSLGYCVWYGSA FAQALLLGCHASLGHRLGAGQVPGLTLG LTVGIWGVAALLTLPVTLASGASGGLCTLIYSTELKALQATH TVACLAIFVLLPLGLFG AKGLKKALGMGPGPWMNILWAWFIFWWPHGVVLGLDFLVRSKLLLLSTCLAQQ ALDLLLNLAEALAILHCVATPLLLALFCHQATRTLLPSLPLPEGWFSHLDTLGSKSTRT RPLEQKLISEEDLAANDILDYKDDDDKV

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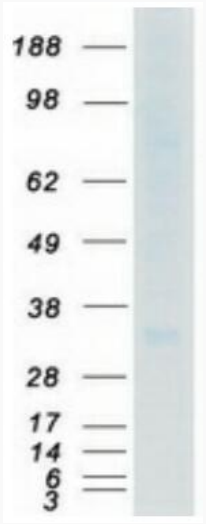
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Druggable Genome, GPCR, Transmembrane
Full Length	Full L.

GENE INFORMATION

Gene Name	ACKR1 atypical chemokine receptor 1 (Duffy blood group) [Homo sapiens (human)]
Official Symbol	ACKR1
Synonyms	FY; Dfy; GPD; DARC; GpFy; CCBP1; CD234; WBCQ1; DARC/ACKR1
Gene ID	2532
mRNA Refseq	NM_002036.4
Protein Refseq	NP_002027.2
MIM	613665

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UniProt ID	Q16570



Coomassie blue staining of purified ACKR1 protein.

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