

Product datasheet for **TP304680M**

DARC (ACKR1) (NM_002036) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human Duffy blood group, chemokine receptor (DARC), transcript variant 2, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC204680 protein sequence Red =Cloning site Green =Tags(s)

MGNCLHRAELSPSTENSSQLDFEDVWNSSYGVNDSFPDGDYGANLEAAAPCHSCNLLDDSA LPFFILTSV
LGILASSTVLFMLFRPLFRWQLCPGWPVLAQLAVGSALFSIVVPLAPGLGSTRSSALCSLGVCVWYGSA
FAQALLLGCHASLGHRLGAGQVPGLTLGLTVGIWGVAAALLTLPVTLASGASGGLCTLIYSTEKALQATH
TVACLAIFVLLPLGLFGAKGLKKALGMGPGPMMNILWAWFIFWVPHGVVGLDFLVRSKLLLLSTCLAQQ
ALDLLLLNLAELAILHCVATPLLLLALFCHQATRTLLPSLPLPEGWFSHLDTLGSKS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

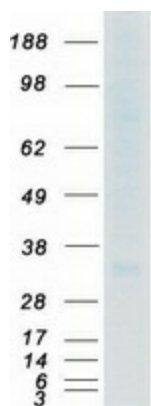
Tag:	C-Myc/DDK
Predicted MW:	35.4 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_002027
Locus ID:	2532



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UniProt ID:	Q16570 , Q5Y7A2
RefSeq Size:	2024
Cytogenetics:	1q23.2
RefSeq ORF:	1008
Synonyms:	CCBP1; CD234; DARC; DARC/ACKR1; Dfy; FY; GPD; GpFy; WBCQ1
Summary:	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. [provided by RefSeq, Jul 2008]
Protein Families:	Druggable Genome, GPCR, Transmembrane

Product images:



Coomassie blue staining of purified ACKR1 protein (Cat# [TP304680]). The protein was produced from HEK293T cells transfected with ACKR1 cDNA clone (Cat# [RC204680]) using MegaTran 2.0 (Cat# [TT210002]).