

Product datasheet for PH304680

DARC (ACKR1) (NM_002036) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	DARC MS Standard C13 and N15-labeled recombinant protein (NP_002027)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204680
Predicted MW:	35.6 kDa
Protein Sequence:	>RC204680 protein sequence Red=Cloning site Green=Tags(s) <p>MGNCLHRAELSPSTENSSQLDFEDVWNSSYGVNDSFPDGDYGANLEAAAPCHSCNLLDSSALPFFILTSV LGILASSTVLFMLFRPLFRWQLCPGWPVLAQLAVGSALFIVVPVLAPGLGSTRSSALCSLGYCVWYGSA FAQALLLGHASLGHRLGAGQVPGLTLGLTVGIWVAALLTLPVTLASGASGGLCTLIYSTELKALQATH TVACLAIFVLLPLGLFGAKGLKKALGMGPGPWNILWAWFIFWVPHGVVGLDFLVRKLLLLSTCLAQQ ALDLLLLAEALAILHCVATPLLLALFCHQATRTLLPSLPLPEGWFSHLDTLGSKS</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	<u>NP_002027</u>
RefSeq Size:	2024
RefSeq ORF:	1008
Synonyms:	CCBP1; CD234; DARC; DARC/ACKR1; Dfy; FY; GPD; GpFy; WBCQ1
Locus ID:	2532



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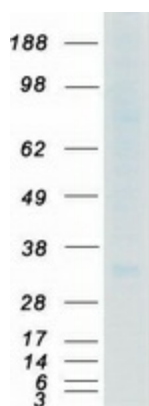
UniProt ID: [Q16570](#), [Q5Y7A2](#)

Cytogenetics: 1q23.2

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 *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. [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]).