

Datasheet for ABIN5484848

Human FCGR1B ORF Clone in Mammalian Expression Vector (Myc-DYKDDDDK Tag)

Overview

Quantity:	10 µg
Gene:	FCGR1B
Species:	Human
Fusion tag:	Myc-DYKDDDDK Tag
Insert:	ORF
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

Product Details

Purpose:	Mammalian Vector with ORF clone of Human Fc fragment of IgG, high affinity lb, receptor (CD64) (FCGR1B) transcript variant 1
Brand:	TrueORF
Insert Length:	843 bp
Vector Backbone:	pCMV6-Entry
Promoter:	CMV Promoter
Bacterial Resistance:	Kanamycin
Expression Type:	Transient
Specificity:	Restriction Site: SgfI-MluI
Sequencing Primer:	VP1.5 (forward) 5'GGACTTTCCAAAATGTCTG 3', XL39 (reverse) 5'ATTAGGACAAGGCTGGTGGG 3'
Grade:	End-sequenced
Components:	The ORF clone is ion-exchange column purified, transfection-ready dried plasmid DNA, and

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Product Details

shipped with 2 vector sequencing primers.

Target Details

Gene: FCGR1B

Abstract: [FCGR1B Products](#)

Background: Three distinct, but closely related classes of receptors that bind the Fc portion of IgG have been identified (FcγRI, II and III). The FcγRI family consists of three closely related genes termed A, B, and C. This gene encodes the low affinity FcγRIIB receptor that may play an important role in humoral immune response. Alternatively spliced transcript variants encoding different isoforms have been described for this gene.

NCBI Accession: [NM_001017986](#), [NP_001017986](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Storage: 4 °C/-20 °C

Publications

Product cited in: Johnson, Drugan, Miller, Evans: "38" in: , Vol. 1363, Issue Nucleic acids research, pp. 28-39, (1991)