

Proteoliposomes

Full-Length

FCGR1A (Human) Recombinant Protein

Catalog # H00002209-G01

Size 10 ug

Specification

Product Description

Human FCGR1A full-length ORF (NP_000557.1) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MWFLTLLLWVPVDGQVDTTKAVITLQPPWVSVFQEETVTLHCEVLHLPGSSSTQWFLNGTATQ
TSTPSYRITSASVNDSGEYRCQRGLSGRSDPIQLEIHRGWLLLQVSSRVFTEGEPLALRCHAWKD
KLVYNVLYRNGKAFKFFHWNSNLTKTNISHNGTYHCSGMGKHRYTSAGISVTVKELFPAPVLNA
SVTSPILLEGNLVTLSCEKLLLQRPGLQLYFSFYMGSKTLRGRNTSSEYQILTARREDSGLYWCEA
ATEDGNVLKRSPELELQVLGLQLPTPVWFHVLFLYAVGIMFLVNTVLWVTIRKELKRKKKWDLEIS
LDSGHEKKVISSLQEDRHLEELKQCQEQKEEQLQEGVHRKEPQGAT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

42.6

Form

Liquid

Preparation Method

[in vitro wheat germ expression system with proprietary liposome technology](#)

Purification

None

Recommend Usage

Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer

25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — FCGR1A

Entrez GeneID	2209
GeneBank Accession#	NM_000566.2
Protein Accession#	NP_000557.1
Gene Name	FCGR1A
Gene Alias	CD64, CD64A, FCRI, FLJ18345, IGFR1
Gene Description	Fc fragment of IgG, high affinity Ia, receptor (CD64)
Omim ID	146760
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein that plays an important role in the immune response. This protein is a high-affinity Fc-gamma receptor. The gene is one of three related gene family members located on chromosome 1. [provided by RefSeq]
Other Designations	Fc fragment of IgG, high affinity Ia, receptor for (CD64) Fc gamma receptor Fc-gamma R Fc-gamma receptor IA1 IgG Fc receptor OTTHUMP00000013913

Pathway

- [Fc gamma R-mediated phagocytosis](#)
- [Hematopoietic cell lineage](#)
- [Systemic lupus erythematosus](#)

Disease

- [Asthma](#)
- [Chronic Disease](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)

- [Hypersensitivity](#)
- [Periodontitis](#)
- [Rhinitis](#)