

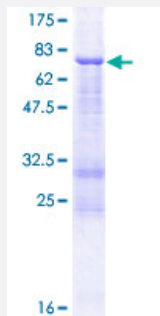
Full-Length

FCRLA (Human) Recombinant Protein (P01)

Catalog # H00084824-P01

Size 10 ug, 25 ug

Applications



Specification

Product Description

Human FCRLA full-length ORF (NP_116127.3, 1 a.a. - 376 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MLKKISVGAVAGDLNTVTMKGCVLMAWALYLSLGVWVAQMLLAASFETLQCEGPVCTEESCH
TEDDLTDAREAGFQVKAYTFSEPFHLVSYDWLILQGPAKPVFEGDLLVLRQAWQDWPLTQVTF
YRDGSALGPPGPNREFSITVVQKADSGHYHCSGIFQSPGPGIPETASVVAITVQELFPAPILRAVPS
AEPQAGSPMTLSCQTKLPLQRSARLLFSFYKDGRVQSRGLSSEFQIPTASEDHSGSYWCEAAT
EDNQVWKQSPQLEIRVQGASSAAPTLPAPQKSAAPGTAPEEAPGPLPPPPTPSSDPGFS
SPLGMPDPHLYHQMGLLLKHMVDVRVLLGHLLMELRELSGHRKPGTTKATAE

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

67.1

Interspecies Antigen Sequence

Mouse (66); Rat (64)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — FCRLA

Entrez GeneID[84824](#)**GeneBank Accession#**[NM_032738.3](#)**Protein Accession#**[NP_116127.3](#)**Gene Name**

FCRLA

Gene Alias

FCRL, FCRL1, FCRLM1, FCRLX, FCRLb, FCRLc1, FCRLc2, FCRLd, FCRLe, FCRLX, FREB, MGC4595, RP11-47416.5

Gene Description

Fc receptor-like A

Omim ID[606891](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

Receptors for the Fc fragment of IgG, or FCGRs (see MIM 146790), are cell surface glycoproteins of the Ig superfamily (IgSF). These receptors mediate phagocytosis of IgG-coated pathogens and promote activation of effector cells, leading to inflammatory responses and antibody-mediated cellular cytotoxicity. All FCGR genes map to human chromosome 1. Additional genes in this region, including FREB, encode FCGR homologs that are selectively expressed in B cells and may be implicated in B-cell development and lymphomagenesis.[supplied by OMIM]

Other Designations

Fc receptor homolog expressed in B cells (FREB)|Fc receptor related protein X|Fc receptor-like and mucin-like 1|OTTHUMP00000032485