

Recombinant Human FCGR2C, GST-tagged

Cat. No. FCGR2C-12821H Lot. No. (See product label)

SPECIFICATION

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|-------------------------|---|
| Product Overview | Recombinant Human FCGR2C protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose. |
| Species | Human |
| Source | E.coli |
| ProteinLength | C-term-70a.a. |
| Description | This gene encodes one of three members of a family of low-affinity immunoglobulin gamma Fc receptors found on the surface of many immune response cells. The encoded protein is a transmembrane glycoprotein and may be involved in phagocytosis and clearing of immune complexes. An allelic polymorphism in this gene results in both coding and non-coding variants. |
| Storage | The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles. |
| Storage Buffer | 1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol. |

GENE INFORMATION

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| Gene Name | FCGR2C Fc fragment of IgG, low affinity IIc, receptor for (CD32) (gene/pseudogene) [Homo sapiens] |
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| Official Symbol | FCGR2C |
| Synonyms | Fc fragment of IgG, low affinity IIc, receptor for (CD32) (gene/pseudogene); 15626; low affinity immunoglobulin gamma Fc region receptor II-c;fc-gamma-RIIc;IgG Fc receptor II-c;Fc gamma receptor IIC;immunoglobulin G Fc receptor II-c; CD32; FCG2; CD32C; CDW32; IGFR2; FCRIIC |
| Gene ID | 9103 |
| mRNA Refseq | NM_201563.4 |
| Protein Refseq | NP_963857.3 |
| MIM | 612169 |
| Chromosome Location | 1q23.3 |
| Pathway | Adaptive Immune System, organism-specific biosystem; Fc gamma R-mediated phagocytosis, organism-specific biosystem; Fc gamma R-mediated phagocytosis, conserved biosystem; Immune System, organism-specific biosystem; Immunoregulatory interactions between a Lymphoid and a non-Lymphoid cell, organism-specific biosystem; Leishmaniasis, organism-specific biosystem; Leishmaniasis, conserved biosystem; |
| Function | IgG binding; protein binding; transmembrane signaling receptor activity; |

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