

Recombinant Human FCGR2A Protein (H167)

Cat. No. FCGR2A-543H Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant human FCGR2A protein (H167) without tag was expressed in HEK293. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | 317 |
| Description | This gene encodes one member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. The protein encoded by this gene is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. Alternative splicing results in multiple transcript variants. |
| Form | Lyophilized |
| AA Sequence | MTMETQMSQNVCPRNLLWLLQPLTVLLLLASADSQAAAPPKAVLKLEPPWINVLQED SVTLTCQGARSPESDSIQWFHNGNLIPTHTQPSYRFKANNNDSGEYTCQTGQTSLS DPVHLLTVLSEWLVLQTPHLEFQEGETIMLRCHSWKDKPLVKVTFQNGKSQKFSHL DPTFSIPQANHSHSGDYHCTGNIGYTLFSSKPVTITVQVPSMGSSSPMGIIVAVVIATA VAAIVAVALIYCRKKRISANSTDPVKAQFEPGRQMIAIRKRQLEETNNDYETAD GGYMTLNPRAPTDDDKNIYLTLPPNDHVNSNN |
| Purity | > 98% |

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| Applications | WB; ELISA; FACS; FC |
| Stability | This bioreagent is stable at 4 centigrade (short-term) and -70 centigrade(long-term). After reconstitution, sample may be stored at 4 centigrade for 2-7 days and below -18 centigrade for future use. |
| Storage | At -20 centigrade. |
| Concentration | 1 mg/mL |
| Storage Buffer | PBS (pH 7.4-7.5). Sterile-filtered colorless solution. |
| Reconstitution | Reconstitute in sterile distilled H2O to no less than 100 µg/mL; dilute reconstituted stock further in other aqueous solutions if needed. Please review COA for lot-specific instructions. Final measurements should be determined by the end-user for optimal performance. |
| GENE INFORMATION | |
| Gene Name | FCGR2A Fc fragment of IgG, low affinity IIa, receptor (CD32) [Homo sapiens (human)] |
| Official Symbol | FCGR2A |
| Synonyms | FCGR2A; Fc fragment of IgG, low affinity IIa, receptor (CD32); Fc fragment of IgG, low affinity IIa, receptor for (CD32) , FCG2, FCGR2, FCGR2A1; low affinity immunoglobulin gamma Fc region receptor II-a; CD32; CD32A; CDw32; IGFR2; Immunoglobulin G Fc receptor II; fcRII-a; fc-gamma-RIIa; fc-gamma RII-a; igG Fc receptor II-a; FCG2; FcGR; FCGR2; FCGR2A1; MGC23887; MGC30032; |
| Gene ID | 2212 |

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| mRNA Refseq | NM_001136219 |
| Protein Refseq | NP_001129691 |
| MIM | 146790 |
| UniProt ID | P12318 |

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