

Recombinant Human EGFR Protein, Fc-tagged, Alexa Fluor 488 conjugated

Cat. No. EGFR-629HAF488 Lot. No. (See product label)

SPECIFICATION

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| Product Overview | Recombinant Human EGFR Protein (25-378aa), was expressed in HEK293 with C-terminal Fc tag and Alexa Fluor 488 conjugate. |
| Species | Human |
| Source | HEK293 |
| ProteinLength | 25-378 aa |
| Form | Lyophilized |
| AA Sequence | <p>LEEKKGNYVVTDHGSCVRACGADSYEMEEDGVRKCKKCEGPCRKVCNGIGIGEFK DSLSINATNI KHFKNCTSISGDLHILPVAFRGDSFTHTPPLDPQELDILKTVKEITGFLLI QAWPENRTDLHAFE NLEIIRGRTKQHGGQFSLAVVSLNITSLGLRSLKEISDGDVIISG NKNLCYANTINWKKLFGTSGQ KTKIISNRGENSCKATGQVCHALCSPEGCWGPEP RDCVSCRNVSRGREGVDKCNLLEGEPEFVE NSECIQCHPECLPQAMNITCTGRG PDNCIQCAHYIDGPHCVKTCPAGVMGENNTLVWKYADAGHV CHLCHPNCTYGCT GPGLEGCPNTPKIPSVDDIEGRMDEPKSCDKTHTCPPCPAPPELLGGPSVFL FPPK PKDTLMISRTPEVTCVVVDVSHEDPEVKFNWYVDGVEVHNAKTKPREEQYNSTYRV VSVLT VLHQDWLNGKEYKCKVSNKALPAPIEKTISKAKGQPREPQVYTLPPSREEM TKNQVSLTCLVKGF YPSDIAVEWESNGQPENNYKTPPVLDSDGSFFLYSKLTVDK SRWQQGNVFSCSVMHEALHNHYT QKSLSLSPGK</p> |
| Endotoxin | < 0.1 ng/ |

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| | µg (1 EU/ µg). |
| Purity | > 95 % as determined by SDS-PAGE |
| Characteristic | Disulfide-linked homodimer Labeled with Alexa Fluor 488 via amines Excitation Wavelength: 488 nm Emission Wavelength: 515-545 nm |
| Storage | Lyophilized protein should be stored at < -20 centigrade, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7 centigrade for 2-7 days. Aliquots of reconstituted samples are stable at < -20 centigrade for 4 months. |
| Storage Buffer | Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4 |
| Reconstitution | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 µg/mL. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| Shipping | The product is shipped at ambient temperature. |
| Conjugation | Alexa Fluor 488 |
| GENE INFORMATION | |
| Gene Name | EGFR epidermal growth factor receptor [Homo sapiens] |
| Official Symbol | EGFR |

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| Synonyms | EGFR; epidermal growth factor receptor; epidermal growth factor receptor (avian erythroblastic leukemia viral (v erb b) oncogene homolog) , ERBB; ERBB1; erythroblastic leukemia viral (v erb b) oncogene homolog (avian); proto-oncogene c-ErbB-1; cell growth inhibiting protein 40; cell proliferation-inducing protein 61; receptor tyrosine-protein kinase erbB-1; avian erythroblastic leukemia viral (v-erb-b) oncogene homolog; ERBB; HER1; mENA; PIG61; |
| Gene ID | 1956 |
| mRNA Refseq | NM_201283 |
| Protein Refseq | NP_958440 |
| MIM | 131550 |
| UniProt ID | P00533 |

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