

Recombinant Human EGFR Protein

Catalog #	Source	Reactivity	Applications
CRP2693	Human cells	Human	E, WB, SDS-PAGE, MS

Description Recombinant Human EGFR Protein is produced by mammalian expression system and the target gene encoding Leu25-Val30Gly & Asn298-Ser645 is expressed with a Fc tag at the C-terminus.

Form Lyophilized from a 0.2 µm filtered solution of PBS, pH7.4.

Gene Symbol EGFR

Alternative Names ERBB; ERBB1; HER1; Epidermal growth factor receptor; Proto-oncogene c-ErbB-1; Receptor tyrosine-protein kinase erbB-1

Entrez Gene 1956 (Human)

SwissProt P00533 (Human)

Purity Greater than 95% as determined by reducing SDS-PAGE.

Chemical Structure LEEKKGNYVV TDHGSCVRAC GADSYEMEED GVRKCKKCEG PCRKVCNGIG IGEFKDSLIS
 NATNIKHFKN CTSISGDLHI LPVAFRGDSF THTPPLDPQE LDILKTVKEI TGFLLIQAWP
 ENRTDLHAFE NLEIIRGRTK QHGQFSLAVV SLNITSLGLR SLKEISDGDV IISGNKNLCY
 ANTINWKKLF GTSGQKTKII SNRGENSCKA TGQVCHALCS PEGCWGPEPR DCVSCRNVSR
 GRECVDKCNL LEGEPREFVE NSECIQCHPE CLPQAMNITC TGRGPDNCIQ CAHYIDGPHC
 VKTCPAGVMG ENNTLVWKYA DAGHVCHLCH PNCTYGCTGP GLEGPTNGP KIPSVDDIEG
 RMDEPKSCDK THTCPPCPAP ELLGGPSVFL FPPKPKDTLM ISRTPEVTCV VVDVSHEDPE
 VKFNWYVDGV EVHNAKTKPR EEQYNSTYRV VSVLTVLHQD WLNQKEYKCK VSNKALPAPI
 EKTISKAKGQ PREPQVYTLPSREEMTKNQ VSLTCLVKGF YPSDIAVEWE SNGQPENNYK
 TTPPVLDSDG SFFLYSKLTV DKSRWQQGNV FSCSVMHEAL HNHYTQKSLSLSPGK

Quality Control Endotoxin: Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB
www.cohesionbio.com

ORDER
order@cohesionbio.com

SUPPORT
techsupport@cohesionbio.com

CUSTOM
custom@cohesionbio.com

Product Data Sheet

Directions for Use 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 ddH₂O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

Storage/Stability Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months.

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

COHESION BIOSCIENCES LIMITED

WEB

www.cohesionbio.com

ORDER

order@cohesionbio.com

SUPPORT

techsupport@cohesionbio.com

CUSTOM

custom@cohesionbio.com