# Human EGFR Recombinant Protein

## RPPB2504

## Product Information

**Product SKU:**
RPPB2504

**Accession:**
P00533

**Host:**
Chinese Hamster Ovary cells.

## Protein Information

**Protein description:**
EGFR produced in CHO cells is a single, glycosylated polypeptide chain containing 860 amino acids (25-645 a.a.) and having a molecular mass of 95.5 kDa (Migrates at 100-150 on SDS-PAGE under reducing conditions). EGFR is expressed with a 239 amino acid hIgG-His tag at C-Terminus and purified by proprietary chromatographic techniques.

**Appearance:**
Sterile Filtered colorless solution.

**Synonyms:**
Epidermal Growth Factor Receptor, Receptor Tyrosine-Protein Kinase ErbB-1, Erb-B2 Receptor Tyrosine Kinase, Proto-Oncogene C-ErbB-1, EC 2.7.10.1, ERBB1, ERBB, HER1, Epidermal Growth Factor Receptor (Avian Erythroblastic Leukemia Viral (V-Erb-B) Oncogene Homolog), Erythroblastic Leukemia Viral (V-Erb-B) Oncogene Homolog (Avian), Avian Erythroblastic Leukemia Viral (V-Erb-B) Oncogene Homolog, Cell Proliferation-Inducing Protein 61, Cell Growth Inhibiting Protein 40, EC 2.7.10, NISBD2, PIG61, MENA.

**Formulation:**
EGFR protein solution (0.25mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

**Purity:**
Greater than 90.0% as determined by SDS-PAGE.

**Stability:**
Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**
LEEKKVCQGT SNKLTQLGTF EDHFLSLQRM FNNCEVVLGN LEITYVQRNY DLSFLKTIQE VAGYVLIALN TVERIPLENL QIIRGNMYYE NSYALAVLSN YDANKTGLKE LPMRNLQEIL HGAVRFSNNP ALCNVESIQW RDIVSSDFLS NMSMDFQNHL GSCQKCDPSC PNGSCWGAGE ENCQKLTKII CAQQCSGRCR GKSPSDCCHN QCAAGCTGPR ESDCLVCRKF RDEATCKDTC PPLMLYNPTT YQMDVNPEGK YSFGATCVKK CPRNYVVTDH GSCVRACGAD SYEMEEDGVR KCKKCEGPCR KVCNGIGIGE FKDSLSINAT NIKHFKNCTS ISGDLHILPV AFRGDSFTHT PPLDPQELDI LKTVKEITGF LLIQAWPENR TDLHAFENLE IIRGRTKQHG QFSLAVVSLN ITSLGLRSLK EISDGDVIIS GNKNLCYANT INWKKLFGTS GQKTKIISNR GENSCKATGQ VCHALCSPEG CWGPEPRDCV SCRNVSRGRE CVDKCNLLEG EPREFVENSE CIQCHPECLP QAMNITCTGR GPDNCIQCAH YIDGPHCVKT CPAGVMGENN TLVWKYADAG HVCHLCHPNC TYGCTGPGLE GCPTNGPKIP SRSPKSCDKT HTCPPCPAPE LLGGPSVFLF PPKPKDTLMI SRTPEVTCVV VDVSHEDPEV KFNWYVDGVE VHNAKTKPRE EQYNSTYRVV SVLTVLHQDW LNGKEYKCKV SNKALPAPIE KTISKAKGQP REPQVYTLPP SRDELTKNQV SLTCLVKGFY PSDIAVEWES NGQPENNYKT TPPVLDSDGS FFLYSKLTVD KSRWQQGNVF SCSVMHEALH NHYTQKSLSL SPGKHHHHHH.