

Human EGFR Sf9 Recombinant Protein



RPPB2502

Product Information Protein Information

Product SKU:

RPPB2502

Accession:

P00533

Host:

Sf9 Insect Cells.

Protein description:

The EGFR contains the extracellular domain of the human EGFR (25-647 a.a.) excluding the signal peptide which is cleaved by the insect cells having an approximate Mw of 85kDa. The EGFR is fused to a C-terminal Strep-tag and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered White lyophilized (freeze-dried) powder.

Synonyms:

Epidermal growth factor receptor, EC 2.7.10.1, Receptor tyrosine-protein kinase ErbB-1, ERBB, mENA, ERBB1, EGFR.

Formulation:

ErbB1 was lyophilized from a concentrated (1mg/ml) sterile solution containing 1x PBS pH-7.4.

Purity:

Greater than 90.0% as determined by SDS-PAGE.

Solubility:

It is recommended to reconstitute the lyophilized EGFR in sterile PBS not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability:

Lyophilized EGFR although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution EGFR should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

Amino Acid Sequence:

LEEKKV CQGTSNKLQ LGTFEDHFLS LQRMFNCEV VLGNLEITYV QRNYDLSFLK TIQEVAGYVL IALNTVERIP
LENLQIIRGN MYYENSYALA VLSNYDANKT GLKELPMRNL QEILHGAVRF SNNPALCNVE SIQWRDIVSS
DFLSNMSMDF QNHLGSCQKC DPSPNGSCW GAGEENCQKL TKIICAQCS GRCRGKSPSD CCHNQCAAGC
TGPRESDECLV CRKFRDEATC KDTCPPLMLY NPTTYQMDVN PEGKYSFGAT CVKKCPRNYV VTDHGSCVRA
CGADSYEMEE DGVRKCKKCE GPCRKVCNGI GIGEFKDSLS INATNIKHFK NCTSISGDLH ILPVAFRGDS
FTHPLDPQ ELDILKTVE ITGFLLIQAW PENRTDLHAF ENLEIIRGRT KQHGFSLAV VSLNITSLGL
RSLKEISDGD VIISGNKNLC YANTINWKKL FGTSQKTKI ISNRGENSCK ATGQVCHALC SPEGCWGPEP
RDCVSCRNVS RGRECVDKCK LLEGEPREFV ENSECIQCHP ECLPQAMNIT CTGRGPDNCI QCAHYIDGPH
CVKTCPAGVM GENNTLWVKY ADAGHVCHLC HPNCTYGCTG PGLGECPTNG PKIPSIAASW SHPQFEK.