

Human EPOR Recombinant Protein



RPPB0193

Product Information Protein Information

Product SKU:

RPPB0193

Accession:

P19235

Host:

Sf9, Baculovirus cells.

Protein description:

EPOR produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 232 amino acids (25-250a.a.) and having a molecular mass of 25.6kDa (Molecular size on SDS-PAGE will appear at approximately 28-40kDa).EPOR is expressed with a 6 amino acid His-tag at C-Terminus and purified by proprietary chromatographic techniques.

Appearance:

Sterile Filtered clear solution.

Synonyms:

EPO-R, EPOR, Erythropoietin Receptor.

Formulation:

EPOR protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol.

Purity:

Greater than 95.0% as determined by analysis 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:

APPPNLDPK FESKAALLAA RGPELLCFT ERLEDLVCFW EEAASAGVGP GNYSFSYQLE DEPWKLRLH
QAPTARGAVR FWCSLPTADT SSFVPLELRV TAASGAPRYH RVIHINEVVL LDAPVGLVAR LADESGHVVL
RWLPPPETPM TSHIRYVDV SAGNGAGSVQ RVEILEGRTE CVLSNLRGRT RYTFAVRARM AEPSFGGFWS
AWSEPVSLLT PSDLDPHHHH HH.

Biological Activity:

Measured by its ability to inhibit EPO dependent proliferation assay using TF-1 human erythroleukemic cells. The ED50 for this effect less or equal to 70ng/ml.