

Erythropoietin Receptor Human Recombinant, Sf9

Item Number	rAP-2188
Synonyms	EPO-R, EPOR, Erythropoietin Receptor.
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
Uniprot Accession Number	P19235
Amino Acid Sequence	APPPNLPDPK FESKAALLAA RGPEELLCFT ERLEDLVCFW EEAASAGVGP GNYSFSYQLE DEPWKLCRLH QAPTARGAVR FWCSLPTADT SSFVPLELRV TAASGAPRYH RVI- HINEVVL LDAPVGLVAR LADESGHVVL RWLPPPETPM TSHIRYEDV SAGNGAGSVQ RVEILEGRTE CVLS- NLRGRT RYTFAVRARM AEPSFGGFWS AWSEPVSLT PSDLDPHHHH HH.
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile Filtered clear solution. 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.
Formulation and Purity	EPOR protein solution (0.5mg/ml) contains Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Greater than 95.0% as determined by analysis by SDS-PAGE.
Application	
Solubility	
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.
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**