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32-6342: EPOR Human

Alternative Name : Erythropoietin Receptor, EPO-R, EPOR. Normal 0 false false false EN-US X-NONE HE MicrosoftInternetExplorer4-->

Description

Source: Sf9, Baculovirus cells.
Sterile Filtered clear solution.
Erythropoietin receptor, also known as EPOR arbitrates erythropoietin-induced erythroblast proliferation as well as differentiation. During EPO binding, EPOR activates Jak2 tyrosine kinase which activates various intracellular pathways including: Ras/MAP kinase, phosphatidylinositol 3-kinase and STAT transcription factors. Furthermore, stimulated EPOR has a function in erythroid cell survival. Mutations in EPOR may possibly produce erythroleukemia and familial erythrocytosis. In addition, dysregulation of EPOR can affect on the growth of selected tumors.
EPOR Human Recombinant produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 232 amino acids (25-250 a.a) and having a molecular mass of 25.6kDa. (Migrates at 28-40kDa on SDS-PAGE under reducing conditions). EPOR is fused to an 6 amino acid His-tag at C-terminus & purified by proprietary chromatographic techniques.

Product Info

Amount :	2 µg / 10 µg
Purification :	Greater than 95.0% as determined by SDS-PAGE.
Content :	EPOR protein solution (0.5mg/ml) containing Phosphate Buffered Saline (pH 7.4) and 10% glycerol. Normal 0 false false false EN-US X-NONE HE -->
Storage condition :	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 :	APPPNLPDPK FESKAALLAA RGPEELLCFT ERLEDLVCFW EEAASAGVGP GNYSFSYQLE DEPWKLCRLH QAPTARGAVR FWCSLPTADT SSFVPLELRV TAASGAPRYH RVIHINEVVL LDAPVGLVAR LADESGHVVL RWLPPPETPM TSHIRYEVDV SAGNGAGSVQ RVEILEGRTE CVLSNLRGRT RYTFAVRARM AEPSFGGFWS AWSEPVSLLT PSDLDPHHHH HH. Normal 0 false false false EN-US X-NONE HE -->

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