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Erythropoietin receptor, 25-250aa, Human, His tag, Insect cell

产品货号: TP02048

第三版

别名: EPO-R, EPOR.

描述: EPOR, also known as Erythropoietin receptor, mediates erythropoietin-induced erythroblast proliferation and differentiation. Upon EPO stimulation, it dimerizes triggering the JAK2/STAT5 signaling cascade. In some cell types, can also activate STAT1 and STAT3. So it may also activate the LYN tyrosine kinase. Recombinant human EPOR, fused to His-tag at C-terminus, was expressed in insect cell and purified by using conventional chromatography techniques.

配方: Liquid. In Phosphate Buffered Saline (pH 7.4) containing 10% glycerol.

分子量: 25.6kDa (232aa) 28-40kDa (SDS-PAGE under reducing conditions)

序列:

APPPNLPDPKFESKAALLAARGPEELLCFTERLEDLVCFWEEAASAGVGPNGYSFSYQLEDEPWKLCRLHQAPTARGAVRF
WCSLPTADTSSFVPLELRVTAASGAPRYHRVVIHINEVVLLDAPVGLVARLADESGHVVLRLWLPPEPMTSHIRYEVDVSA
GNGAGSVQRVEILEGRTECVLSNLRGRTRYTF AVRARMAEPSFGGFWSAWSEPVSLLLTPSDLDPHHHHHH

纯度: > 95% by HPLC

浓度: 0.5mg/ml (determined by Absorbance at 280nm)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.