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Growth hormone receptor, 19-265aa, Rat, His tag, Insect cell

产品货号: TP02337

第三版

别名:GHR, GHR/BP

描述:GHR, also known as growth hormone receptor, is a member of the cytokine receptor superfamily. GHR forms a complex with a tyrosine kinase, suggesting involvement of a ligand-activated tyrosine kinase in intracellular signaling by growth hormone (GH). Binding of GH to its receptor results in dimerization of the receptor, phosphorylation of the tyrosine kinase JAK2 and of the receptor, followed by a cascade of protein phosphorylations. Recombinant rat GHR, 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:29.4kDa (255aa), 28-40kDa (SDS-PAGE under reducing conditions)

序列:

FPGSGATPATLGKASPVLQRINPSLRESSSGKPRFTKCRSPELETFSCYWTEGDDHNLKVPGSIQLYYARRIAHEWTPPEWKE
CPDYVSAGANSCYFNSSYTSIWIPYCIKLTNGDLLKEKCFTVDEIVQPDPIGLNWTLLNISLPGIRGDIQVSWQPPPSADV
LKGWIILEYEIQYKEVNETKWKTMSPIWSTSVPLYSLRLDKEHEVRVRSRQRSFEKYSEFSEVLRVTFPQMDTLAACEEDFRL
EHHHHHH

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.