

HUMAN IGF-1R PROTEIN, HIS TAG

目录: 11598

产品名称: Human IGF-1R Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: CD221;IGFIR;IGFR;JTK13

Target: IGF-1R

UNIPROT ID: P08069

描述: Recombinant human IGF-1R protein with C-terminal 6xHis tag

背景: This receptor binds insulin-like growth factor with a high affinity. It has tyrosine kinase activity. The insulin-like growth factor I receptor plays a critical role in transformation events. Cleavage of the precursor generates alpha and beta subunits. It is highly overexpressed in most malignant tissues where it functions as an apoptotic agent by enhancing cell survival. Alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, May 2014]

Species/Host: HEK293

Molecular Weight: The protein has a predicted molecular mass of 103.7 kDa after removal of the signal peptide. The apparent molecular mass of IGF-1R-His is approximately 130-150 kDa due to glycosylation.

Molecular Characterization: IGF-1R(Glu31-Asn932) 6xHis tag

纯化:: The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.

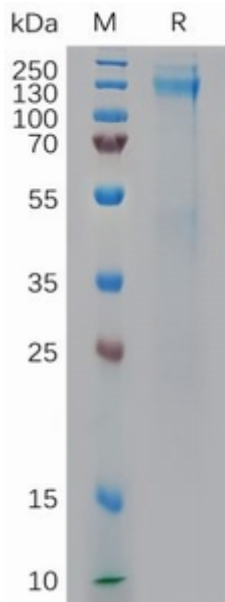


Figure 1. Human IGF-1R Protein, His Tag on SDS-PAGE under reducing condition.