

HUMAN RET PROTEIN, HIS TAG

货号: 11525

产品全名: 人 RET 蛋白

规格: 10/50/100 µg

基因符号 Proto-oncogene tyrosine-protein kinase receptor Ret;adherin family member 12;roto-oncogene c-Ret

目标蛋白: RET

UNIPROT ID: P07949

描述: Recombinant human RET protein with C-terminal 6xHis tag

背景: This gene encodes a transmembrane receptor and member of the tyrosine protein kinase family of proteins. Binding of ligands such as GDNF (glial cell-line derived neurotrophic factor) and other related proteins to the encoded receptor stimulates receptor dimerization and activation of downstream signaling pathways that play a role in cell differentiation, growth, migration and survival. The encoded receptor is important in development of the nervous system, and the development of organs and tissues derived from the neural crest. This proto-oncogene can undergo oncogenic activation through both cytogenetic rearrangement and activating point mutations. Mutations in this gene are associated with Hirschsprung disease and central hypoventilation syndrome and have been identified in patients with renal agenesis. [provided by RefSeq, Sep 2017]

物种/宿主: HEK293

分子量: The protein has a predicted molecular mass of 68.6 kDa after removal of the signal peptide. The apparent molecular mass of RET-His is approximately 100-130 kDa due to glycosylation.

分子特征: RET(Leu29-Arg635) 6×His 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.

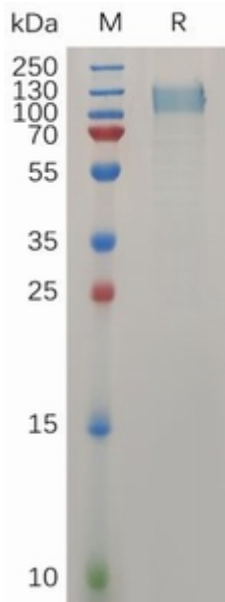


Figure 1. Human RET Protein, His Tag on SDS-PAGE under reducing condition.