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32-17864: Recombinant Human RET Protein, His Tag

Uniprot ID : P07949

Alternative Name : Proto-oncogene tyrosine-protein kinase receptor Ret?Cadherin family member 12?Proto-oncogene c-Ret

Description

Molecular Characterization: RET(Leu29-Arg635) 6Ã—His tag
Molecular weight: 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.
Description: Recombinant human RET protein with C-terminal 6Ã—His tag
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.

Product Info

Amount :	100 µg / 50 µg
Content :	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.
Storage condition :	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.