# Recombinant Human RET protein, His-tagged

**Cat. No.** RET-7010H **Lot. No.** (See product label)

## SPECIFICATION

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| **Product Overview** | Recombinant Human RET protein(P07949-1) (Met 1-Arg 635) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus. |
| **Species** | Human |
| **Source** | HEK293 |
| **ProteinLength** | Met 1-Arg 635 |
| **Tag** | C-His |
| **Form** | Lyophilized from sterile PBS, pH 7.4. |
| **Molecular Mass** | The recombinant human RET consists of 618 amino acids and has a calculated molecular mass of 69.1 kDa. The apparent molecular mass of the protein is approximately 110-120 kDa in SDS-PAGE under reducing conditions. |
| **Endotoxin** | < 1.0 EU per μg of the protein as determined by the LAL method |
| **Purity** | > 92 % as determined by SDS-PAGE |
| **Storage** | Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles. |

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| **Reconstitution** | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents. |

## GENE INFORMATION

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| **Gene Name** | RET ret proto-oncogene [ Homo sapiens ] |
| **Official Symbol** | RET |
| **Synonyms** | RET; ret proto-oncogene; Hirschsprung disease 1 , HSCR1, MEN2A, MEN2B, MTC1, multiple endocrine neoplasia and medullary thyroid carcinoma 1; proto-oncogene tyrosine-protein kinase receptor Ret; cadherin related family member 16; CDHF12; CDHR16; PTC; RET51; proto-oncogene c-Ret; receptor tyrosine kinase; RET transforming sequence; cadherin family member 12; hydroxyaryl-protein kinase; cadherin-related family member 16; ret proto-oncogene (multiple endocrine neoplasia and medullary thyroid carcinoma 1, Hirschsprung disease); MTC1; HSCR1; MEN2A; MEN2B; RET-ELE1; |
| **Gene ID** | 5979 |
| **mRNA Refseq** | NM_020630 |
| **Protein Refseq** | NP_065681 |
| **UniProt ID** | P07949 |

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