

Recombinant Human RET protein, His-tagged

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

SPECIFICATION

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

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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