



## Recombinant Human RET (N-GST tag)

Cat No:HR2R1917

For research use only

### Overview

Quantity	10 ?g
Gene Symbol	RET
Gene ID	N/A
Accession	NM_020630
Alternative Name	PTC, MTC1, HSCR1, MEN2A, MEN2B, RET51, CDHF12, RET-ELE1
Species	Human
Source	Insect cells
Description	RET gene codes for a transmembrane tyrosine kinase which is a subunit of a multimeric complex that acts as a receptor for four structurally related molecules: GDNF, neurturin, artemin and persephin . Germline mutations of RET cause a dominantly inherited dysgenesis of the enteric nervous system known as Hirschsprung's disease. RET is constitutively activated by point mutations in hereditary medullary thyroid carcinomas (MTCs). Several single nucleotide polymorphisms of the RET gene have been described. Multiple endocrine neoplasia type 2A (MEN 2A) have been reported to be associated with two mutations of the protooncogene RET .
Functions	The specific activity of RET was determined to be 67 nmol /min/mg as per activity assay protocol
Formulation	50mM Tris-HCl, pH 7.5, 150mM NaCl, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Solubility	N/A
Appearance	Liquid
Molecular Weight	74
Purity	70% - 90%
Concentration	
Shipping Condition	Dry Ice
Storage Condition	Store product at ?70?C. For optimal storage, aliquot target into smaller quantities after centrifugation and store at recommended temperature. For most favorable performance, avoid repeated handling and multiple freeze/thaw cycles.