

RET

Recombinant Human Ret Proto-Oncogene (aa 658-1114)

GST-Tagged Active

Catalog No.	CSI13470	Quantity:	10 µg
Alternate Names:	CDHF12, HSCR1, MEN2A, MEN2B, MTC1, PTC, RET51		
Gene ID:	5979		
Description:	Recombinant human RET catalytic domain (amino acids 658-1114) with GST tag, activated <i>in vitro</i> via auto-phosphorylation. The receptor tyrosine kinase RET is a member of the cadherin superfamily. RET plays a crucial role in neural crest development, and can undergo oncogenic activation by cytogenetic rearrangement.		
Concentration:	0.31 mg/ml		
Source:	Insect cells		
Molecular Weight:	79.0 kDa		
Formulation:	Liquid in 50 mM Tris, pH 7.5 + 150 mM NaCl + 0.5 mM EDTA + 0.02% Triton X-100 + 2 mM DTT + 50% glycerol		
Purity:	≥ 90% as determined by SDS-PAGE analysis		
Specific Activity:	2382 nmole of phosphate transferred to Abl1 peptide substrate (EAIYAAPFAKKK) per minute per mg of total protein at 30°C. Activity determined at a final protein concentration of 1.67 µg/ml.		
Storage & Stability:	Stable for 6 months in working aliquots at -80°C. Avoid repeated freeze-thaw cycles.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

