

## Recombinant Human RET Protein, His/GST-tagged, Alexa Fluor 647 conjugated

**Cat. No.** RET-3948HAF647    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Alexa Fluor 647 conjugated recombinant human RET (P07949-1) cytoplasmic domain (His 658-Ser 1114), fused with the N-terminal polyhistidine-tagged GST tag, was produced in Baculovirus-Insect cells.
<b>Species</b>	Human
<b>Source</b>	Insect Cells
<b>ProteinLength</b>	694
<b>Form</b>	Lyophilized
<b>Molecular Mass</b>	The recombinant human RET (aa 658-1114)/GST chimera consists of 694 amino acids and has a calculated molecular mass of 76.7 kDa. It migrates as an approximately 70 kDa band in SDS-PAGE under reducing conditions.
<b>Endotoxin</b>	< 1.0 EU/ µg of the protein as determined by the LAL method.
<b>Characteristic</b>	Disulfide-linked homodimer Labeled with Alexa Fluor 647 via amines Excitation = 650 nm Emission = 668 nm
<b>Stability</b>	Samples are stable for up to 12 months from date of receipt at -70 centigrade.

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<b>Storage</b>	Store it under sterile conditions at -20 to -70 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
<b>Storage Buffer</b>	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10% gly, pH 8.0
<b>Reconstitution</b>	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4 centigrade before opening to recover the entire contents.
<b>Conjugation</b>	Alexa Fluor 647

## GENE INFORMATION

<b>Gene Name</b>	RET ret proto-oncogene [ Homo sapiens ]
<b>Official Symbol</b>	RET
<b>Gene ID</b>	5979
<b>mRNA Refseq</b>	NM_020630
<b>Protein Refseq</b>	NP_065681
<b>UniProt ID</b>	P07949

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