Recombinant Human RET Protein, His/GST-tagged, Alexa Fluor 555 conjugated

Cat. No. RET-3948HAF555 **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Alexa Fluor 555 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.
Species	Human
Source	Insect Cells
ProteinLength	694
Form	Lyophilized
Molecular Mass	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.
Endotoxin	< 1.0 EU/ μg of the protein as determined by the LAL method.
Characteristic	Disulfide-linked homodimer Labeled with Alexa Fluor 555 via amines With an excitation and emission maximum of 555/565 nm, Alexa Fluor 555 can be efficiently excited using a 543 nm He-Ne laser line and detected under standard TRITC/Cy3 filters.

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Stability	Samples are stable for up to 12 months from date of receipt at -70 centigrade.
Storage	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.
Storage Buffer	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10% gly, pH 8.0
Reconstitution	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.
Conjugation	Alexa Fluor 555

GENE INFORMATION

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

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