

Recombinant Human RET Protein, His/GST-tagged, FITC conjugated

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

SPECIFICATION

Product Overview FITC 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 FITC via amines
Excitation source: 488 nm spectral line, argon-ion laser
Excitation Wavelength: 488 nm
Emission Wavelength: 535 nm

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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	FITC

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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