

PTC3 recombinant protein

PTC3 Mutant (NCOA4-RET), Active

CATALOG # AAA73111	HOST Sf9 insect cells using baculovirus	APPLICATIONS Western Blot
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PRODUCT SYNONYMS

PTC3; PTC3 Mutant (NCOA4-RET); Active; PTC3 recombinant protein

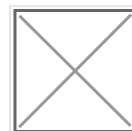
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells using baculovirus
Form/Format	50mM Tris-HCl, pH 7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Sequence Positions	NCOA4 (1-238)-RET (713-end)
Sequence Length	3444
Applicable Applications for PTC3 recombinant protein	WB (Western Blot), Kinase Assay
Species	Human
Tag	GST tag
Dry Ice Note	The product may be shipped with dry ice, and an additional fee may be added to your shipping cost.
Preparation and Storage	Store product at -70 degree 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.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for PTC3 recombinant protein	Description: Recombinant human RET/PTC3, the fusion protein [NCOA4 (1-238)-RET (713-end)], was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: RET/PTC3 is fused of RET and the activating NCOA4 gene by intrachromosomal paracentric inversions in chromo-some 10 (1). Likes RET/PTC1, it is the most frequent RET rearrangements in papillary thyroid carcinoma (PTC) (2), especially in radiation-induced tumours. The RET/PTC3 rearrangements may be typical for radiation-induced childhood PTC with a short latency period (3). The RET/PTC rearrangements also have been shown in benign thyroid lesions, including Hashimoto's thyroiditis (HT).
Product Categories/Family for PTC3 recombinant protein	Enzymes; Active Kinase Mutants

References	1. Santoro M, et al: Molecular characterization of RET/PTC3; a novel rearranged version of the RET proto-oncogene in a human thyroid papillary carcinoma. Oncogene 1994, 9:509-516. 2. Nikiforov YE: RET/PTC rearrangement in thyroid tumors. Endocr Pathol 2002, 13:3-16. 3. Smida J. et al: Distinct frequency of ret rearrangements in papillary thyroid carcinomas of children and adults from Belarus. Int J Cancer 1999, 80:32-38.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16306752
NCBI GeneID	8031
Molecular Weight	~98 kDa
NCBI Official Full Name	Homo sapiens nuclear receptor coactivator 4, mRNA
NCBI Official Synonym Full Names	nuclear receptor coactivator 4
NCBI Official Symbol	NCOA4
NCBI Official Synonym Symbols	RFG; ELE1; PTC3; ARA70
NCBI Protein Information	nuclear receptor coactivator 4
UniProt Protein Name	Nuclear receptor coactivator 4
UniProt Gene Name	NCOA4
UniProt Synonym Gene Names	ARA70; ELE1; RFG; NCoA-4; 70 kDa AR-activator; 70 kDa androgen receptor coactivator

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/ncoa4-recombinant-protein-sf9-insect-cells-using-baculovirus-wb-western-blot-kinase-assay/73111>