

PTC1 recombinant protein

PTC1 Mutant (CCDC6-RET), Active

CATALOG # AAA73109	HOST Sf9 insect cells using baculovirus	APPLICATIONS Western Blot
------------------------------	---	-------------------------------------

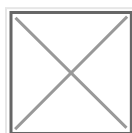
PRODUCT SYNONYMS

PTC1; PTC1 Mutant (CCDC6-RET); Active; PTC1 recombinant protein

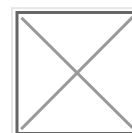
PRODUCT SPECIFICATIONS

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	CCDC6 (1-101)-RET (713-end)
Sequence Length	5664
Applicable Applications for PTC1 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 PTC1 recombinant protein	Description: Recombinant human RET/PTC1, the fusion protein [CCDC6 (1-101)-RET (713-end)], was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: RET/PTC1 is fused of RET and the activating CCDC6 gene by intrachromosomal paracentric inversions in chromo-some 10 (1). Likes RET/PTC3, it is the most frequent RET rearrangements in papillary thyroid carcinoma (PTC) (2), especially in radiation-induced tumours. The RET/PTC1 rearrangements may be a marker for later-occurring PTC of radiation-exposed children and adults (3). The RET/PTC rearrangements also have been shown in benign thyroid lesions, including Hashimoto's thyroiditis (HT).
Product Categories/Family for PTC1 recombinant protein	Enzymes; Active Kinase Mutants

References	1. Grieco M. et al: PTC is a novel rearranged form of the ret proto-oncogene and is frequently detected in vivo in human thyroid papillary carcinomas. Cell 1990, 60:557-563. 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.
------------	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	34192188
NCBI GeneID	8030
Molecular Weight	~80 kDa
NCBI Official Full Name	Homo sapiens coiled-coil domain containing 6, mRNA
NCBI Official Synonym Full Names	coiled-coil domain containing 6
NCBI Official Symbol	CCDC6
NCBI Official Synonym Symbols	H4; PTC; TPC; TST1; D10S170
NCBI Protein Information	coiled-coil domain-containing protein 6
UniProt Protein Name	Coiled-coil domain-containing protein 6
UniProt Gene Name	CCDC6
UniProt Synonym Gene Names	D10S170; TST1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
 Online datasheet: <https://stage.aaabiotech.com/ccdc6-recombinant-protein-sf9-insect-cells-using-baculovirus-wb-western-blot-kinase-assay/73109>