

BCR-RET recombinant protein

BCR-RET Mutant, Active

CATALOG # AAA73112	HOST Sf9 insect cells using baculovirus	APPLICATIONS Kinase Assay
------------------------------	---	-------------------------------------

PRODUCT SYNONYMS

BCR-RET; BCR-RET Mutant; Active; BCR-RET recombinant protein

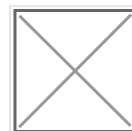
PRODUCT SPECIFICATIONS

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	1-426 (BCR) - 713-end (RET)
Sequence Length	4686
Applicable Applications for BCR-RET recombinant protein	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 BCR-RET recombinant protein	Description: Recombinant human BCR-RET, the fusion protein [BCR (1-426)-RET (713-end)], was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. Scientific Background: BCR-RET is a chimaeric fusion of BCR and RET genes generated by a balanced translocation of genes from t (10;22) (q11;q11) and this leads to aberrant activation of RET activity which can transform hematopoietic cells and skew the hematopoietic differentiation program towards the monocytic/macrophage lineage (1). The BCR-RET fusion is frequently found in chronic myelomonocytic leukemia (CMML) cases. The RET fusion genes seem to constitutively mimic the same signaling pathway as RAS mutations frequently involved in CMML.
Product Categories/Family for BCR-RET recombinant protein	Enzymes; Active Kinase Mutants
References	1. Ballerini, P. et al: RET fusion genes are associated with chronic myelomonocytic leukemia and enhance monocytic differentiation. Leukemia. 2012 Nov;26 (11):2384-9.

NCBI AND UNIPROT INFORMATION

NCBI GI #	42490770
NCBI GeneID	613
Molecular Weight	140 kDa
NCBI Official Full Name	Homo sapiens breakpoint cluster region, mRNA
NCBI Official Synonym Full Names	BCR, RhoGEF and GTPase activating protein
NCBI Official Symbol	BCR
NCBI Official Synonym Symbols	ALL; CML; PHL; BCR1; D22S11; D22S662
NCBI Protein Information	breakpoint cluster region protein
UniProt Protein Name	Breakpoint cluster region protein
UniProt Gene Name	BCR
UniProt Synonym Gene Names	BCR1; D22S11

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/bcr-recombinant-protein-sf9-insect-cells-using-baculovirus-kinase-assay/73112>