MET (Y1230H) Recombinant Protein | MET recombinant protein

MET (Y1230H), Active

CATALOG #	HOST	APPLICATIONS
AAA73707	**Sf9 insect cells**	**Kinase Assay**

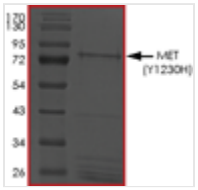
PRODUCT SYNONYMS

MET (Y1230H); Active; HGFR; RCCP2; MET recombinant protein

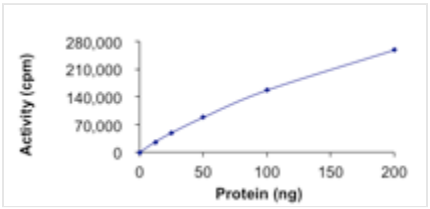
PRODUCT SPECIFICATIONS

Host	Sf9 insect cells
Form/Format	Recombinant protein stored in 50mM Tris-HCl, pH7.5, 150mM NaCl, 10mM glutathione, 0.1mM EDTA, 0.25mM DTT, 0.1mM PMSF, 25% glycerol.
Applicable Applications for MET recombinant protein	Kinase Assay
Tag	GST
Species	Human
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



SDS-PAGE
Purity: Sample Purity Data. For specific information on a given lot, see related technical data sheet.



Activity
Specific Activity: Sample Kinase Activity Plot. For specific information on a given lot, see related technical data sheet.

ADDITIONAL INFORMATION

Related Product Information for MET recombinant protein	Recombinant human MET (Y1230H)(956-end) was expressed by baculovirus in Sf9 insect cells using an N-terminal GST tag. The gene accession number is NM_000245. MET is a proto-oncogene that encodes a transmembrane growth factor receptor which is a heterodimer of two disulphide linked chains of 50kDa (alpha) and 145kDa (beta). MET is widely expressed in the kidney, brain, lung, skin, and embryonic tissue (1). Hepatocyte growth factor (HGF) binds to MET and activates its tyrosine kinase activity. MET is overexpressed and activated in a variety of human cancers including pancreatic, colon, gastric, cervical and ovarian cancers and has been shown to be involved in tumor cell migration and invasion (2). MET(Y1230H) is one of the native mutant forms of MET.
Product Categories/Family for MET recombinant protein	Mutant Kinases; Cancer; Receptor Tyrosine Kinases

References	1. Giordano, S. et al: Biosynthesis of the protein encoded by the c-met proto-oncogene. Oncogene. 1989 Nov;4(11):1383-8. 2. Iyer, A. et al: Structure, tissue-specific expression, and transforming activity of the mouse met protooncogene. Cell Growth Differ. 1990 Feb;1(2):87-95.

NCBI AND UNIPROT INFORMATION

NCBI GenBank Nucleotide #	NM_000245
Molecular Weight	~81kDa

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/met-y1230h-recombinant-protein-sf9-insect-cells-kinase-assay/73707