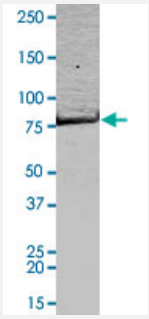
Bioactive

MET (Y1230D) (Human) Recombinant Protein

Catalog # P4829 Size 100 ug

Applications



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human MET (NM_000245.2, 956 a.a. - 1390 a.a.) Y1230D mutant partial protein expressed in Sf9 cells.
Sequence	KKRKQIKDLGSELVRYDARVHTPHLDRLVSARSVSPTTEMVSNESVDYRATFPEDQFPNSSQNG SCRQVQYPLTDMSPILTSGDSDISSPLLQNTVHIDLSALNPELVQAVQHVVIGPSSLIVHFNEVIGRG HFGCVYHGTLLDNDGKKIHCAVKSLNRITDIGEVSQFLTEGIIMKDFSHPNVLSLLGICLRSEGSPLV VLPYMKHGDLRNFIRNETHNPTVKDLIGFGLQVAKGMKYLASKKFVHRDLAARNCMLDEKFTVKV ADFGLARDMDDKEYYSVHNKTGAKLPVKWMALESLQTQKFTTKSDVWSFGVLLWELMTRGAPP YPDVNTFDITVYLLQGRRLLQPEYCPDPLYEVMLKCWHPKAEMRPSFSELVSRISAIFSTFIGEHYV HVNATYVNVKCVAPYPSLLSSEDNADDEVDTRPASFWETS
Host	insect
Theoretical MW (kDa)	78.739

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Form	Liquid
Preparation Method	Insect cell (Sf9) expression system
Purification	GST affinity chromatography
Concentration	0.590 ug/uL
Activity	222 pmol/ug x min
Quality Control Testing	2 ug/lane SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 50 mM Hepes, 100 mM NaCl, pH 7.5 (5 mM DTT, 15 mM reduced glutathione, 20% glycerol)
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — MET

Entrez GeneID	4233
Protein Accession#	NM_000245.2
Gene Name	MET
Gene Alias	AUTS9, HGFR, RCCP2, c-Met
Gene Description	met proto-oncogene (hepatocyte growth factor receptor)
Omim ID	114550 164860 605074 611015
Gene Ontology	Hyperlink

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Gene Summary	The proto-oncogene MET product is the hepatocyte growth factor receptor and encodes tyrosine-kinase activity. The primary single chain precursor protein is post-translationally cleaved to produce the alpha and beta subunits, which are disulfide linked to form the mature receptor. Various mutations in the MET gene are associated with papillary renal carcinoma. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	HGF receptor|OTTHUMP00000069168|SF receptor|met proto-oncogene|met proto-oncogene tyrosine kinase|oncogene MET|scatter factor receptor

Pathway

- Adherens junction
- Axon guidance
- Colorectal cancer
- Cytokine-cytokine receptor interaction
- Endocytosis
- Epithelial cell signaling in Helicobacter pylori infection
- Focal adhesion
- Melanoma
- Pathways in cancer
- Renal cell carcinoma

Disease

- Adenocarcinoma
- Autistic Disorder
- Carcinoma
- Cell Transformation
- Child Development Disorders
- Chronic Disease
- Cognition Disorders

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- Disease Progression
- Gastrointestinal Diseases
- Genetic Predisposition to Disease
- Head and Neck Neoplasms
- Hyperparathyroidism
- Lung Neoplasms
- Myopia
- Nasal Polyps
- Neoplasm Metastasis
- Neoplasms
- Neuropsychological Tests
- Pancreatic cancer
- Pancreatic Neoplasms
- Pulmonary Disease
- Refractive Errors
- Rhinitis
- Schizophrenia
- Sinusitis
- Skin Neoplasms
- Urinary Bladder Neoplasms
- Werner syndrome

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