

Bioactive

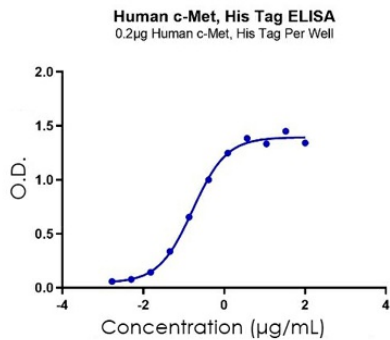
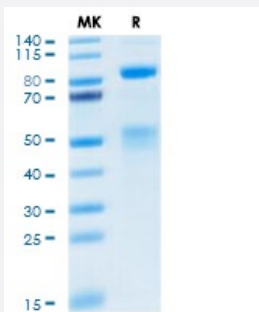
HuPro®

MET (Human) Recombinant Protein

Catalog # P7648

Size 100 ug

Applications



Result of bioactivity analysis

Result of bioactivity analysis

Specification

Product Description

Human MET (P08581, 25 a.a. - 932 a.a.) partial recombinant protein with His-Avi tag at C-terminus expressed in Expi293 cells.

Sequence	ECKEALAKSEMNVNMKYQLPNFTAETPIQNVILHEHHIFLGATNYIYVLNEEDLQKVAEYKTGPVLE HPDCFCPCDCSSKANLSGGVWKDNINMALVVDTYDDQLISCGSVNRGTCQRHVFPNHNTADIQ SEVHCIFSPQIEEPSQCPDCVVSALGAKVLSSVKDRFINFFVGNTINSSYFPDHPLHSISVRRLKET KDGMFMTDQSYIDVLPEFRDSYPIKYVHAFESNNFIYFLTVQRETLDQTFHTRIIRFCSINSGLHSY MEMPLECILTEKRKKRSTKKEVFNILQAAYVSKPGAQLARQIGASLNDDILFGVFAQSKPDSAEPM DRSAMCAFPIKYVNDFFNKVMNKNVRCQLHFYGPNEHCNRTLLRNSSGCEARRDEYRTEFTT ALQRVDLFMGQFSEVLLTSISTFIKGLTIANLGTSEGRFMQVVVSRSGPSTPHVNFLLDSDHPVSP EVIVEHTLNQNGYTLVITGKKITKIPLNGLGCRHFQSCSQCLSAPPFVQCGWCHDKCVRSEECLSG TWTQQICLPAMKVFPNSAPLEGGTRLTICGWDFGFRNNKFDLKKTRVLLGNESCTLTLESTMN TLKCTVGPAMNKHFNMSIIISNGHGTTQYSTFSYVDPVITSISPKYGPMAGGTLLTLTGNYLNSGNSR HISIGGKTCTLKSVSNSILECYTPAQTISTEFAVKLKIDLANRETSIFS YREDPMYIEIHPTKSFISGGSTI TGVGKNLNSVSVPRMVINVHEAGRNFVACQHRNSEIICCTTPSLQQLNLQLPLKTKAFFMLDGIL SKYFDLIYHNPVFKPFEPVMISMGNENVLEIKGNDIDPEAVKGEVLKVGKNKSCENIHLHSEAVL CTVPNDLLKLNSELNIEWKQAISSTVLGKVIVQPDQNFT
Host	Mammals
Theoretical MW (kDa)	80 - 85
Form	Lyophilized
Preparation Method	Mammalian cell (Expi293) expression system
Purity	> 95% by SDS-PAGE
Endotoxin Level	< 1 EU per 1 ug of protein (determined by LAL method)
Activity	Immobilized Human c-MET, His & Avi Tag at 2.0 ug/mL (100 uL/Well). Dose response curve for Hum an HGF, hFc Tag with the EC ₅₀ of 0.16 ug/mL determined by ELISA.
Quality Control Testing	SDS-PAGE under reducing condition
Storage Buffer	Lyophilized from sterile distilled Water up to 100 ug/mL
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Result of bioactivity analysis Result of bioactivity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — MET

Entrez GeneID [4233](#)

Protein Accession# [P08581](#)

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](#)

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](#)
- [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](#)