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Product Information

MemDX™ Membrane Protein Human MET (MET proto-oncogene, receptor tyrosine kinase) Expressed in *E.coli* with 6xHis tag at the N-terminus for Antibody Discovery, Partial (52-562aa, N375S)

Cat. No.: **MPX4313K**
This product is for research use only and is not intended for diagnostic use.

This product is a 63.4 kDa Human MET membrane protein expressed in *E.coli*. The protein is for research use only and is not approved for use in humans or in clinical diagnosis.

Product Specifications

Host Species
Human

Target Protein
MET

Protein Length
Partial (52-562aa, N375S)

Protein Class
Transferase

Molecular Weight
63.4 kDa

TMD
1

Sequence
IQNVILHEHHIFLGATNYIYVLNEEDLQKVAEYKTGPVLEHPDCFPCQDCSSKANLSGGVWKDNINMALVVDTYYDDQLISCGSVNR

Product Description

Expression Systems
E.coli

Tag
6xHis tag at the N-terminus

Protein Format
Soluble

Form

Liquid or Lyophilized powder

Purity

>85% as determined by SDS-PAGE

Buffer

Tris-based buffer, 50% glycerol

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -70°C or lower. Avoid freeze/thaw cycles.

Target

Target Protein

MET

Full Name

MET proto-oncogene, receptor tyrosine kinase

Introduction

This gene encodes a member of the receptor tyrosine kinase family of proteins and the product of the proto-oncogene MET. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that are linked via disulfide bonds to form the mature receptor. Further processing of the beta subunit results in the formation of the M10 peptide, which has been shown to reduce lung fibrosis. Binding of its ligand, hepatocyte growth factor, induces dimerization and activation of the receptor, which plays a role in cellular survival, embryogenesis, and cellular migration and invasion. Mutations in this gene are associated with papillary renal cell carcinoma, hepatocellular carcinoma, and various head and neck cancers. Amplification and overexpression of this gene are also associated with multiple human cancers.

Alternative Names

MET; HGFR; AUTS9; RCCP2; c-Met; DFNB97; hepatocyte growth factor receptor; HGF receptor; HGF/SF receptor; SF receptor; proto-oncogene c-Met; scatter factor receptor; tyrosine-protein kinase Met; MET proto-oncogene, receptor tyrosine kinase

Gene ID

4233

UniProt ID

P08581

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