

Specifications:

Gene:	mMET
Accession:	P16056
Insert size:	4153bp
Concentration:	10µg at 0.2µg/µL

Description

This shuttle vector contains the complete ORF for the gene of interest, along with a Kozak consensus sequence for optimal translation initiation. It is inserted NotI to AscI. The gene insert is flanked with convenient multiple cloning sites which can be used to easily cut and transfer the gene cassette into your desired expression vector.

Preparation and Storage

Formulation	cDNA is provided in 10 mM Tris-Cl, pH 8.5
Shipping	Ships at ambient temperature
Stability	1 year from date of receipt when stored at -20°C to -80°C
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

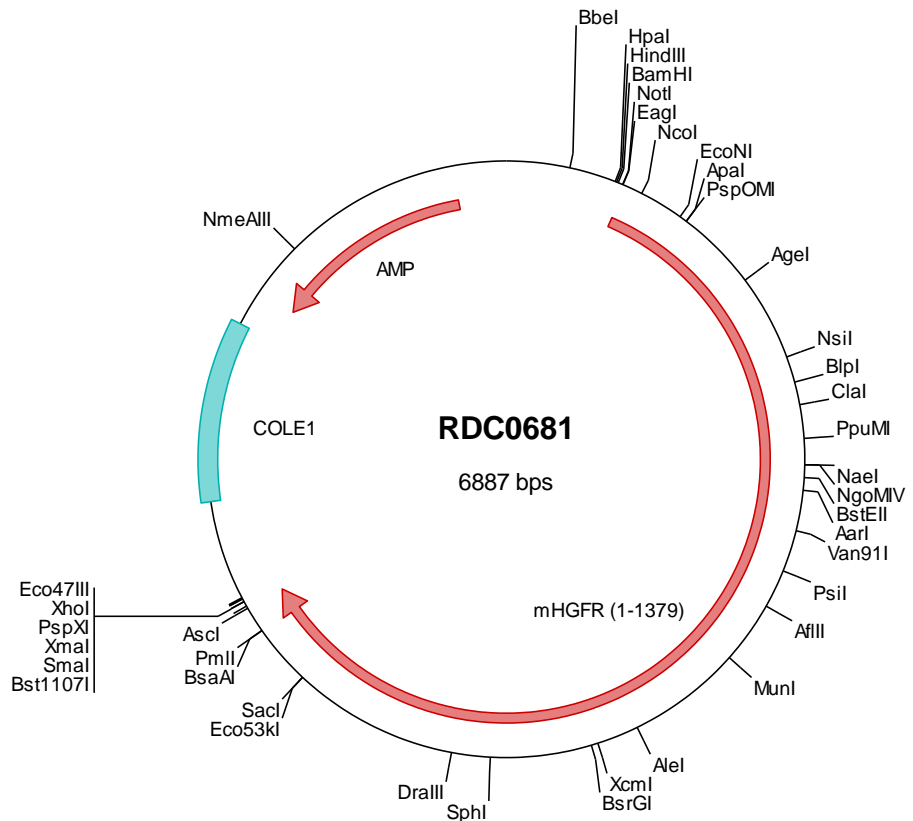
mHGFR/c-MET cDNA Plasmid

Met met proto-oncogene
[*Mus musculus* (house mouse)]

Also known as: HGF; HGFR;
Par4; c-Met

Summary:

MET (HGFR) is a receptor tyrosine kinase that transduces signals from the extracellular matrix into the cytoplasm by binding to the hepatocyte growth factor/HGF ligand. Following MET activation by its ligand, it interacts with the PI3-kinase subunit PIK3R1, PLCG1, SRC, GRB2, STAT3 or the adapter GAB1. These downstream proteins, activated by MET, lead to the activation of several signaling cascades including the RAS-ERK, PI3 kinase-AKT, or PLCgamma-PKC. MET plays a role in wound healing as well as organ regeneration and tissue remodeling.



FOR RESEARCH USE ONLY

NOT FOR USE IN HUMANS



> RDC0681 Plasmid DNA Sequence

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> RDC0681 Translated Insert Sequence

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