

Product Information

MemDX™ Membrane Protein Human PTK7 (Protein tyrosine kinase 7 (inactive)) for Antibody Discovery

Cat. No.: **MP0699J**

This product is for research use only and is not intended for diagnostic use.

This product is a 110.7 kDa Human PTK7 membrane protein expressed in HEK293T. 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

PTK7

Protein Length

Full-length

Protein Class

Druggable Genome, Protein Kinase, Transmembrane

Molecular Weight

110.7 kDa

TMD

1

Sequence

MGAARGSPARPRRLPLLSVLLLPLLGGTQTAIVFIKQPSSQDALQGRRALLRCEVEAPGPVHVYWLLDGA
PVQDTERRFAQGSSLSFAAVDRLQDSGTFQCVARDDVTGEEARSANASFNKWIEAGPVVLKHPASEAEI
QPQTQVTLRCHIDGHPRTYQWFRDGTPLSDGQSNHTVSSKERNLTLPAGPEHSGLYSCCAHSAFGQAC
SSQNF TLSIADES FARVVLAPQDVVVARYEEAMFHCQFSAQPPPSLQWLFEDETPITNRSRPPHLRRATV
FANGSLLLQVVRPNAGIYRCIGQGQGRGPPPILEATLHLAEIEDMPLFEPRVFTAGSEERVTCCLPPKGLP
EPSVWWEHAGVRLPTHGRVYQKGHELVLANIAESDAGVYTCHAAANLAGQRRQDVNITVATVPSWLKPKQD
SQLEEGKPGYLDCLTQATPKPTVVWYRNQMLISED SRFEVFKNGTLRINSVEVYDGTWYRCMSSTPAGSI
EAQARVQVLDGSSLPEWVTDNAGTLHFARVTRDDAGNYTCIASNGPQGQIRAHVQLTVAVFITFKVEPER
TTVYQGHTALLQCEAQGDPKPLIQWKGDRLDPTKLGPRMHIFQNGSLVIHDVAPEDSGRYTCIAGNSC
NIKHTEAPLYVVDKPVPEESEGPGSPPPYKMIQTIGLSVGAAYIIAVLGLMFYCKKRCKAKRLQKQPE
GEEPEMECLNGGPLQNGQPSAEIQEEVALTSLGSGPAATNKRHSTSDKMHFPRSSLQPITTLGKSEFGEV
FLAKAQGLEEGVAETLVLVKSLQSKDEQQQLDFRRELEMFGKLNHANVVRLLGLCREAEPHYMVLEYVDL
GDLKQFLRISKSKDEKLKSQLSTKQKVALCTQVALGMEHLSNNRFVHKDLAARNCLVSAQRQVKVSALG
LSKD VYNSEYYHFRQAVVPLRWMSPEAILEGDFSTKSDVWAFGLMWEVFTHGEMPHGGQADDEV LADLQ
AGKARLPQPEGCPSKLYRLMQRCWALSPKDRPSFSEIASALGDSTVDSKP

Product Description

Expression Systems

HEK293T

Tag

C-Myc/DDK

Form

Liquid

Purification

Anti-DDK affinity column followed by conventional chromatography steps

Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

Buffer

25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

Storage

Store at +4°C for up to one week or several months at -80°C

Target

Target Protein

PTK7

Full Name

Protein tyrosine kinase 7 (inactive)

Introduction

This gene encodes a member of the receptor protein tyrosine kinase family of proteins that transduce extracellular signals across the cell membrane. The encoded protein lacks detectable catalytic tyrosine kinase activity, is involved in the Wnt signaling pathway and plays a role in multiple cellular processes including polarity and adhesion. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.

Alternative Names

CCK-4; CCK4

Gene ID

[5754](#)

UniProt ID

[Q13308](#)