

Product Information

MemDX™ Membrane Protein Human PTK7 (Protein tyrosine kinase 7 (inactive)) with C-terminal DDK/His tag for Antibody Discovery

Cat. No.: **MP1294J**

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

This product is a 77 kDa Human PTK7 membrane protein expressed in HEK293. 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

77 kDa

TMD

1

Sequence

MGAARGSPARPRRLPLLSVLLLPLLGGTQTAIVFIKQPSSQDALQGRRALLRCEVEAPGPVHVYWLLDGA
PVQDTERRFAQGSSLSFAAVDRLQDSGTFQCVARDDVTGEEARSANASFNKWEAGPVVLKHPASEAEI
QPQTQVTLRCHIDGHPRTYQWFRDGTPLSDGQSNHTVSSKERNLTLRPAGPEHSGLYSCCAHSAFGQAC
SSQNFTLSIADESFARVVLAPQDVVVARYEEAMFHCQFSAQPPPSLQWLFEDETPITNRSRPPHLRRATV
FANGSLLLQVRPRNAGIYRCIGQGQGRGPPPILEATLHLAEIEDMPLFEPRVFTAGSEERVTCCLPPKGLP
EPSVWWEHAGVRLPTHGRVYQKGHELVLANIAESDAGVYTCHAANLAGQRRQDVNITVATVPSWLKPKPD
SQLEEGKPGYLDCLTQATPKPTVVWYRNQMLISEDSEFEVFKNGTLRINSVEVYDGTWYRCMSSTPAGSI
EAQARVQVLEKLKFTPPPQPQQCMFEDKEATVPCSATGREKPTIKWERADGSSLPEWVTDNAGTLHFARV
TRDDAGNYTCIASNGPQQGQIRAHVQLTVAVFITFKVEPERTTVYQGHTALLQCEAQGDPKPLIQWKGKDR
ILDPTKLGRPMHIFQNGSLVIHDVAPEDSGRYTCIAGNSCNIKHTEAPLYVVDKPVPEESEGGSPPPYK
MIQT

Product Description

Expression Systems

HEK293

Tag

C-DDK/His

Form

Liquid

Purity

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

Buffer

PBS, pH7.4, 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; PTK7 protein tyrosine kinase 7; colon carcinoma kinase 4; pseudo tyrosine kinase receptor 7; tyrosine-protein kinase-like 7

Gene ID

[5754](#)

UniProt ID

[Q13308](#)