

Product Information

MemDX™ Membrane Protein Human PTK7 (Protein tyrosine kinase 7 (inactive)) Full Length

Cat. No.: **MPC3472K**

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

This product is a made-to-order 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

Cell adhesion

TMD

1

Sequence

MGAARGSPARPRRLPLLSVLLLPLLGGTQTAIVFIKQPSSQDALQGRRAL
LRCEVEAPGPVHVYWLDDGAPVQDTERFAQGSSLSFAAVDRLQDSGTFQ
CVARDDVTGEEARSANASFNKWEAGPVVLKHPASEAEIQPQTQVTLRC
HIDGHPRPTYQWFRDGTPLSDGQSNHTVSSKERNLTLRPAGPEHSGLYSC
CAHSAGGQACSSQNFTLSIADESFARVVLAPQDVVVARYEEAMFHCQFSA
QPPPSLQWLFEDETPITNRSRPPHLRRATVFANGSLLLQVVRPNAGIYR
CIGQGQRGPPPIILEATLHLAEIEDMPLFEPRVFTAGSEERTCLPPKGLP
EPSVWWEHAGVRLPTHGRVYQKGHELVLANIAESDAGVYTCHAAANLAGQR
RQDVNITVATVPSWLKKPQDSQLEEGKPGYLDCLTQATPKPTVWYRNQM
LISEDSEFEVFKNGTLRINSVEVYDGTWYRCMSSTPAGSIEAQARVQVLE
KLKFTPPPQPQQCMEFDKEATVPCSATGREKPTIKWERADGSSLPEWVTD
NAGTLHFARVTRDDAGNYTCIASNGPQQGQIRAHVQLTVAVFITFKVEPER
TTVYQGHTALLQCEAQGDPKPLIQWKGKDRILDPTKLGRMHIFQNGSLV
IHDVAPEDSGRYTCIAGNSCNIKHTEAPLYVVDKPVPEESEGGSPPPYK
MIQTIGLSVGAAYAYIIAVLGLMFYCKKRCKAKRLQKQPEGEEPEMECLN
GGPLQNGQPSAEIQEEVALTSLGSGPAATNKRHSTSDKMHFPRSSLQPIT
TLGKSEFGEVFLAKAQGLEEGVAETLVLVKSLQSKDEQQQLDFRRELEMF
GKLNHANVVRLGLCREAPHYMVLEYVDLGLDKQFLRISKSKDEKLKSQ
PLSTKQKVALCTQVALGMEHLSNNRFVHKDLAARNCLVSAQRQVKVSALG
LSKDYYNSEYYHFRQAWVPLRWMSPEAILEGDFSTKSDVWAFGLMWEVF
THGEMPHGGQADDEVLDLQAGKARLPQPEGCPSKLYRLMQRCWALSPKD
RPSFSEIASALGDSTVDSPK

Product Description

Expression Systems

HEK293

Tag

Based on specific requirements

Protein Format

Detergent or based on specific requirements (Detergent, Liposome, Nanodisc, Polymer, VLP)

Form

Liquid

Storage

Aliquot and store at -20°C or lower. For long term storage, we recommend to store at -72°C or lower. Avoid freeze/thaw cycles.

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

PTK7; CCK4; CCK-4; inactive tyrosine-protein kinase 7; PTK7 protein tyrosine kinase 7; colon carcinoma kinase 4; pseudo tyrosine kinase receptor 7; tyrosine-protein kinase-like 7; Protein tyrosine kinase 7 (inactive)

Gene ID

[5754](#)

UniProt ID

[Q13308](#)