

Product Information

MemDX™ Membrane Protein Human PTK7 (Protein tyrosine kinase 7 (inactive)) Expressed in HEK293 for Antibody Discovery, Partial (1-704aa)

Cat. No.: **MPX0566K**

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

This product is a 101 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

Partial (1-704aa)

Protein Class

Cell adhesion

Molecular Weight

101 kDa

TMD

1

Sequence

MGAARGSPARPRRLPLLSVLLLPLLGGTQTAIVFIKQPSSQDALQGRRAL
LRCEVEAPGPVHVYWLDDGAPVQDTERRFAGGSSLSFAAVDRLQDSGTFQ
CVARDDVTGEEARSANASFNKWEAGPVVLKHPASEAEIQPQTQVTLRC
HIDGHPRPTYQWFRDGTPLSDGQSNHTVSSKERNLTLRPAGPEHSGLYSC
CAHSAFGQACSSQNFTLSIADES FARVV LAPQDVVVARYEEAMFHCQFSA
QPPPSLQWLFEDETPITNRSRPPHLRRATVFANGSLLL TQVRPRNAGIYR
CIGQGQRGPPIILEATLHLAEIEDMPLFEPRVFTAGSEERVTC LPPKGLP
EPSVWWEHAGVRLPTHGRVYQKGHELVLANIAESDAGVYTCHAA NLAGQR
RQDVNITVATVPSWLKKPQDSQLEEGKPGYLDCLTQATPKPTVVWYRNQM
LISED SRFEVFKNGTLRINSVEVYDGTWYRCMSSTPAGSIEA QARVQVLE
KLKFTPPPQPQQCMEFDKEATVPCSATGREKPTIKWERADGSSLPEWVTD
NAGTLHFARVTRDDAGNYTCIASNGPQQGQIRAHVQLTVAVFITFKVEPER
TTVYQGHTALLQCEAQGDPKPLIQWKGKDRILDPTKLGRPMHIFQNGSLV
IHDVAPEDSGRYTCIAGNSCNIKHTEAPLYVVDKPVPEESEGPGSPPPYK
MIQT

Product Description

Activity

Yes

Expression Systems

HEK293

Tag

hIgG1 Fc tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Reconstitute at 500 µg/mL in PBS.

Endotoxin

<0.10 EU per 1 µg of the protein by the LAL method.

Purity

>95%, by SDS-PAGE visualized with Silver Staining and quantitative densitometry by Coomassie® Blue Staining.

Buffer

Lyophilized from a 0.2 µm filtered solution in PBS.

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

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](#)