

Product Information

MemDX™ Membrane Protein Human PTK7 (Protein tyrosine kinase 7 (inactive)) expressed in Sf9 for Antibody Discovery

Cat. No.: **MP0090Q**

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

This product is a 74.6 kDa Human PTK7 membrane protein expressed in Sf9. 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

Protein Class

Druggable Genome, Protein Kinase, Transmembrane

Molecular Weight

74.6 kDa

TMD

1

Sequence

MGAARGSPARPRRLPLLSVLLLPLLGGTQTAIVFIKQPSSQDALQGRRALLRCEVEAPGPVHVYWLLDGAPVQDTERRFAQGSSLS

Product Description

Expression Systems

Sf9

Tag

C-DDK

Form

Powder

Purity

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

Buffer

50mM Tris-HCl, pH8.0, 100mM 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; inactive tyrosine-protein kinase 7; PTK7 protein tyrosine kinase 7; pseudo tyrosine kinase receptor 7; Colon carcinoma kinase 4; Protein-tyrosine kinase 7; Tyrosine-protein kinase-like 7

Gene ID

[5754](#)

UniProt ID

[Q13308](#)