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Product Information

MemDX™ Membrane Protein Human PTK7 (Protein tyrosine kinase 7 (inactive)) Expressed in Yeast with 6xHis tag at the N-terminus for Antibody Discovery, Partial (31-704aa)

Cat. No.: **MPX4229K**
This product is for research use only and is not intended for diagnostic use.

This product is a 76.6kDa Human PTK7 membrane protein expressed in Yeast. 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 (31-704aa)

Protein Class
Cell adhesion

Molecular Weight
76.6kDa

TMD
1

Sequence
AIVFIKQPSSQDALQGRRALLRCEVEAPGPVHVYWLLDGAPVQDTERRFAQGSSLSFAAVDRLQDSGTFQCVARDDVTGEEARSA

Product Description

Expression Systems
Yeast

Tag
6xHis tag at the N-terminus

Protein Format
Soluble

Form

Liquid or Lyophilized powder

Purity

>90% as determined by SDS-PAGE

Buffer

Tris/PBS-based buffer, 6% Trehalose, pH 8.0

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