

Recombinant Human Inactive tyrosine-protein kinase 7 (PTK7),partial (AA31-704) (His-Tag)

Catalog No: tccp624632



Available Sizes

Size: 1mg

Size: 20μg

Size: 100μg

Size: 500μg



Specifications

Research Area:

Cell Adhesion

Species Reactivity:

Homo sapiens (Human)

Host Species:

Yeast

Target:

PTK7

Form:

Liquid or Lyophilized powder

Depend on stock we have

If you have any special requirement for the format, please remark your requirement when placing the order, we will prepare according to your demand.

Storage Buffer:

If delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol.

If delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0

Recommended Dilution:

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Protein Length:

Extracellular Domain

Purity / Grade:

>90% as determined by SDS-PAGE.

Storage Instruction:

Store at -20°C upon receipt, aliquoting is necessary for multiple use. Avoid repeated freeze-thaw cycles. The shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Alternative Names:

8430404F20Rik; CCK 4; CCK-4; Colon carcinoma kinase 4; Human colon carcinoma kinase 4 (CCK4) mRNA complete cds; Inactive tyrosine-protein kinase 7; mPTK7/CCK4; OTTHUMP00000217016; Protein tyrosine kinase PTK 7; Protein-tyrosine kinase 7; Pseudo tyrosine kinase receptor 7; PTK 7; PTK7; PTK7 protein tyrosine kinase 7; PTK7 protein tyrosine kinase; PTK7_HUMAN; Serum response factor; Srf; Tyrosine-protein kinase-like 7

SwissProt:

Q13308

Calculated Molecular Weight:

76.6kDa

Sequence:

AIVFIKQPSSQDALQGRRALLRCEVEAPGPVHVYWLLDGAPVQDTERRFAQGSSLSFAAVDRLQDSGTFQCVARDDVTGEEARSANAS
FNIKWIEAGPVVLKHPASEAEIQPQTQVTLRCHIDGHPRPTYQWFRDGTPLSDGQSNHTVSSKERNLTLRPAGPEHSGLYSCCAHSAFG
QACSSQNFTLSIADESFARVVLAPQDVVVARVEEAMFHCQFSAQPPPSLQWLFEDETPITNRSRPPHLRRATVFANGSLLLTQVRPRNA
GIYRCIGQGQRGPPPIILEATLHLAEIEDMPLFEPRVFTAGSEERVTCCLPPKGLPEPSVWWEHAGVRLPTHGRVYQKGHELVLANIAESDAG
VYTCHAAANLAGQRRQDVNITVATVPSWLKKPQDSQLEEGKPGYLDCLTQATPKPTVVWYRNQMLISEDSEFEVFKNGTLRINSVEVYD
GTWYRCMSSTPAGSIEAQARVQVLEKLKFTPPPQPQQCMFEDKEATVPCSATGREKPTIKWERADGSSLPEWVTDNAGTLHFARVTRD
DAGNYTCIASNGPQGQIRAHVQLTVAVFITFKVEPERTTVYQGHTALLQCEAQGDPKPLIQWKGKDRILDPTKLGPRMHIFQNGSLVIHD
VAPEDSGRYTCIAGNSCNIKHTEAPLYVVDKPVPEESEGGSPPPYKMIQT

Tags:

N-terminal 6xHis-tagged

Cellular Location:

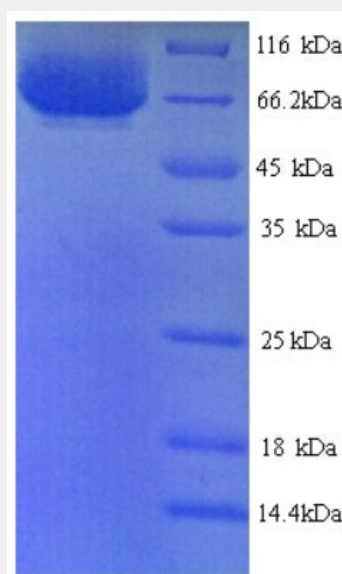
Membrane, Single-pass type I membrane protein, Cell junction

Notes

Express region: 31-704aa

Product Description

Inactive tyrosine kinase involved in Wnt signaling pathway. Component of both the non-canonical (also known as the Wnt/planar cell polarity signaling) and the canonical Wnt signaling pathway. Functions in cell adhesion, cell migration, cell polarity, proliferation, actin cytoskeleton reorganization and apoptosis. Has a role in embryogenesis, epithelial tissue organization and angiogenesis.



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!