

Recombinant Human Inactive tyrosine-protein kinase

7



Catalog No: #AP73053

Orders: order@signalwayantibody.com

Package Size: #AP73053-1 20ug #AP73053-2 100ug #AP73053-3 1mg

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant Human Inactive tyrosine-protein kinase 7
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:31-704aaSequence Info:Extracellular Domain
Other Names	Colon carcinoma kinase 4 ;CCK-4Protein-tyrosine kinase 7Pseudo tyrosine kinase receptor 7Tyrosine-protein kinase-like 7
Accession No.	Q13308
Uniprot	Q13308
GeneID	5754;
Calculated MW	76.6 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	AIVFIKQPSSQDALQRRALLRCEVEAPGPVHVYLLDYGAPVQDTERRFAQGSSLSFAAVDRLQDSGTFQCV ARDDVTGEEARSANASFNKWEAGPVVLKHPASEAEIQPQTQVTLRCHIDGHPRPTYQWFRDGTPLSDGQS NHTVSSKERNLTLRPAGPEHSGLYSCCAHSAFGQACSSQNFTLSIADESFARVVLAPQDVVVARYEEMFHC QFSAQPPPSLQWLFEDETPITNRSRPPHLRRATVFANGSLLLQVRPRNAGIYRCIGQGQRGPPPIILEATLHLA EIEDMPLFEPRVFTAGSEERVTCLEPKGLPEPSVWWEHAGVRLPTHGRVYQKGHELVLANIAESDAGVYTCH AANLAGQRRQDVNITVATVPSWLKPKQDSQLEEGKPGYLDCLTQATPKPTVVWYRNQMLISEDSESRFEVFKNG TLRINSVEVYDGTWYRCMSSTPAGSIEAQRVQVLEKLFKFTPPPQPQQMEFDKEATVPCSATGREKPTIKW ERADGSSLPEWVTDNAGTLHFARVTRDDAGNYTCIASNGPQQQIRAHVQLTVAVFITFKVEPERTTVYQGHTA LLQCEAQGDPKPLIQWKGKDRILDPTKLGPRMHIFQNGSLVIHDVAPEDSGRYTTCIAGNSCNIKHTEAPLYVVD KPVPEESEGGSPPPYKMIQT
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, 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.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

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 bryogenesis, epithelial tissue organization and angiogenesis.

References

Colon carcinoma kinase-4 defines a new subclass of the receptor tyrosine kinase family. Mossie K., Jallal B., Alves F., Sures I., Plowman G.D., Ullrich A. *Oncogene* 11:2179-2184(1995) Research Topic: Cell Adhesion

Note: This product is for in vitro research use only