

Recombinant Chicken PTK2 Protein Product Manual

1. Product Basic Information

Product No.: REP07947

Protein Name: Focal Adhesion Kinase-Related Nonkinase (PTK2)

Aliases: FAK; FADK; FAK1; FRNK; FADK PPP1R71; p125FAK; pp125FAK; focal adhesion kinase-related nonkinase; protein phosphatase 1 regulatory subunit 71

UniProt ID: Q05397

UniProt Link: <https://www.uniprot.org/uniprotkb/Q05397/entry>

Species Source: Gallus gallus (Chicken)

Expression System: E.coli

Protein Length: Partial (376-683aa)

Molecular Weight: 62.3kDa

Protein Tag: N-terminal GST-tagged

2. Amino Acid Sequence (376-683aa)

LANNEKQGVRSHTVSVSETDDYAEIIDEEDTYTMPSTRDYEIQRERIELGRCIGEGQ
FGDVHQGIYMSPENPAMAVAIKTCKNCTSDSVREKFLQEALTMRQFDHPHIVKLIGV
ITENPVWIIMELCTLGELRSFLQVRKFSLDLASLILYAYQLSTALAYLESKRFFVHRDIA
ARNVLVSATDCVKLGDFGLSRYMEDSTYYKASKGKLPKWMAPESINFRRFTSASD
VWMFGVCMWEILMHGVKPFQGVKNNDVIGRIENGERLPMPPNCPPTLYSLMTKC
WAYDPSRRPRFTELKAQLSTILEEE

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization buffer is Tris/PBS-based buffer containing 6% Trehalose.

4. Storage Conditions



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Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Chicken PTK2 partial protein (376-683aa) expressed in E.coli. The protein is with GST tag at the N-terminus, which facilitates protein purification, detection and identification. PTK2, also known as FAK or FADK or FAK1, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.