



Recombinant Human FER Protein Product Manual

1. Product Basic Information

Product No.: REP06875

Protein Name: Tyrosine Kinase Fer Tyrosine Kinase (FER)

Aliases: TYK3; PPP1R74; p94-Fer; tyrosine kinase FER tyrosine kinase; phosphoprotein NCP94; proto-oncogene c-Fer; tyrosine-protein kinase Fer; fer (fps/fes related) tyrosine kinase; feline encephalitis virus-r...

UniProt ID: P16591

UniProt Link: <https://www.uniprot.org/uniprotkb/P16591/entry>

Species Source: Homo sapiens (Human)

Expression System: E.coli

Protein Length: Partial (563-816aa)

Molecular Weight: 33.0 kDa

Protein Tag: N-terminal 6xHis-tagged

2. Amino Acid Sequence (563-816aa)

VILGELLGKGNFGEVYKGTCLKDKTSVAVKTCKEDLPQELKIKFLQEAKILKQYDHPNI
VKLIGVCTQRQPVYIIMELVSGGDFLTFLRRKKDELKLKQLVKFSLDAAAGMLYLESK
NCIHRDLAARNCLVGNNVLKISDFGMSRQEDGGVYSSSGLKQIPIKWTAPEALNY
GRYSSESDVWSFGILLWETFSLGVCYPYGMTNQQAREQVERGYRMSAPQHCPED
ISKIMMKCWDYKPENRPFSESELQKELTI

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

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 Human FER partial protein (563-816aa) expressed in E.coli. The protein is with 6xHis tag at the N-terminus, which facilitates protein purification, detection and identification. FER, also known as TYK3 or PPP1R74 or p94-Fer, 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.