

# Recombinant Human ZNF175 Protein Product Manual

## 1. Product Basic Information

**Product No.:** REP08693

**Protein Name:** Zinc Finger Protein 175 (ZNF175)

**Aliases:** zinc finger protein 175; zinc finger protein OTK18

**UniProt ID:** Q9Y473

**UniProt Link:** <https://www.uniprot.org/uniprotkb/Q9Y473/entry>

**Species Source:** Homo sapiens (Human)

**Expression System:** E.coli

**Protein Length:** Full Length (1-711aa)

**Molecular Weight:** 97.6kDa

**Protein Tag:** N-terminal 6xHis-SUMO-tagged

## 2. Amino Acid Sequence (1-711aa)

MPADVNLSSQKPQVLGPEKQDGSCEASVSFEDVTVDVFSREEWQQLDPAQRCLYRD  
VMLELYSHLFAVGYHIPNPEVIFRMLKEKEPRVEEAEVSHQRCQEREFGLIIPQKEI  
SKKASFQKDMVGEFTRDGSWCSILEELRLDADRTRKKDEQNQIQPMSHSAFFNKKTL  
NTESNCEYKDPGKMIRTRPHLASSQKQPQKCCFLTESLKLNLVNGQNESNDTEQL  
DDVVGSGQLFSHSSSDACSKNIHTGETFCKGNQCRKVCGHKQSLKQHQIHTQKKP  
DGCSECGGSFTQKSHLFAQQRIHVSIGNLHECGKCGKAFMPQLKLSVYLT DHTGDI  
PCICKECGKVFIQRSELLTHQKTHTRKKPYKCHDCGKAFFQMLSLFRHQRTHSREK  
LYECSECGKGFNSQNSTLIIHQKIHTGERQYACSECGKAFTQKSTLSLHQRIHSGQKS  
YVCIECGQAFIQKAHLIVHQRSHTGEKPYQCHNCGKSFISKSQLDIHHRIHTGEKPYE  
CSDCGKTFTQKSHLNIHQKIHTGERHHVCSECGKAFNQKSILSMHQRIHTGEKPYK  
CSECGKAFTSKSQFKEHQRIHTGEKPYVCTECGKAFNGRSNFHKHQIHTTRERPFV  
CYKCGKAFVQKSELITHQRTHMGEKPYECLDCGKSFSKPKQLKVHQRHTGERPYV  
CSECGKAFNNRSNFKHQTTHTTRDKSYKCSYSVKGFTKQ

## 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)



**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 ZNF175 full length protein (1-711aa) expressed in E.coli. The protein is with 6xHis-SUMO tag at the N-terminus, which facilitates protein purification, detection and identification. ZNF175, also known as zinc finger protein 175 or zinc finger protein OTK18, 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.