

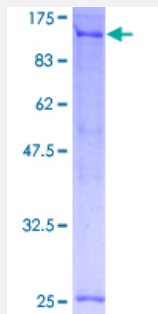
## Full-Length

# TFIP11 (Human) Recombinant Protein (P01)

Catalog # H00024144-P01

Size 10 ug, 25 ug

## Applications



## Specification

### Product Description

Human TFIP11 full-length ORF ( AAH11599, 1 a.a. - 837 a.a.) recombinant protein with GST-tag at N-terminal.

### Sequence

MSLSHLYRDGEGRIDDDDDERENFEITDWDLQNEFNPNRQRHWQTKEEATYGVWAERDSDDER  
PSFGGKRARDYSAPVNFISAGLKKGAAEEAELEDSDEEKPVKQDDFPKDFGPRKLKTGGNFK  
PSQKGFAGGTCSFMDFGSWERHTKGIGQKLLQKMGYVPGRLGKNAQGIINPIEAKQRKGKGAV  
GAYGSERTTQSMQDFPVVDSEEEAEFEFQKELSQWRKDPGSGKKPKYSYKTVEELKAKGRIS  
KKLTAPQKELSQVKVIDMTGREQKVYYSYSQISHKHNPDDGLPLQSQQLPQSGKEAKAPGFAL  
PELEHNLQLLIDLTEQEIIQNDRQLQYERDMVVNLFHELEKMTTEVLDHEERVISNLSKVLEMVEECE  
RRMQPDCSNPLTLDECARIFETLQDKYEEYRMSDRVDLAVAVYPLMKEYFKEWDPLKDCYGT  
EISKWKSLLENDQLLSHGGQDLSADAFHRLWEVWMPFVRNVTQWQPRNCDPMVDFLDSWVH  
IIPVWILDNILDQLIFPKLQKEVENWNPLTDTVPIHSWIHPWLPLMQARLEPLYSPIRSKLSSALQKW  
HPSDSSAKLILQPWKDVFTPGSWEAFMVKNVPKLGMC LGELVINPHQQHMDAFYWVIDWEGMI  
SVSSLVGLLEKHFFPKWLQVLC SWLSNSPNYEEITKWYLGWKSMSFSDQVLAHPSVKDKFNEAL  
DIMNRAVSSNVGAYMQPGARENIAYLTH TERRKDFQYEAMQERREAENMAQRGIGVAASSVPMN  
FKDLIETKAEHNIVFMPVIGKRHEGKQLYTFGRVYMDRGVVFVQGEKTTWVPTSLQSLIDMAK

### Host

Wheat Germ (in vitro)

### Theoretical MW (kDa)

117.7

### Interspecies Antigen Sequence

Mouse (92); Rat (92)

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Preparation Method      | <a href="#">in vitro wheat germ expression system</a>                    |
| Purification            | Glutathione Sepharose 4 Fast Flow                                        |
| Quality Control Testing | 12.5% SDS-PAGE Stained with Coomassie Blue.                              |
| Storage Buffer          | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer. |
| Storage Instruction     | Store at -80°C. Aliquot to avoid repeated freezing and thawing.          |
| Note                    | Best use within three months from the date of receipt of this protein.   |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — TFIP11

|                     |                                                                                                                                                                          |
|---------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID       | <a href="#">24144</a>                                                                                                                                                    |
| GeneBank Accession# | <a href="#">BC011599.1</a>                                                                                                                                               |
| Protein Accession#  | <a href="#">AAH11599</a>                                                                                                                                                 |
| Gene Name           | TFIP11                                                                                                                                                                   |
| Gene Alias          | FLJ22086, NTR1, TIP39, bK445C9.6, hNtr1                                                                                                                                  |
| Gene Description    | tuftelin interacting protein 11                                                                                                                                          |
| Gene Ontology       | <a href="#">Hyperlink</a>                                                                                                                                                |
| Gene Summary        | TFIP11 is a nuclear speckle-localized protein that may play a role in spliceosome disassembly in Cajal bodies (Stanek et al., 2008 [PubMed 18367544]).[supplied by OMIM] |
| Other Designations  | OTTHUMP00000028715                                                                                                                                                       |

## Publication Reference

- [Identification of a novel nuclear localization signal and speckle-targeting sequence of tuftelin-interacting protein 11, a splicing factor involved in spliceosome disassembly.](#)

Tannukit S, Crabb TL, Hertel KJ, Wen X, Jans DA, Paine ML.

Biochemical and Biophysical Research Communications 2009 Dec; 390(3):1044.

Application: Func, Human, HeLa cells

## Disease

- [Dental Caries](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)