

# Recombinant human NDFIP1 protein

Catalog Number: ATGP2468

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-116aa

### UniProt No.

Q9BT67

### NCBI Accession No.

NP\_085048

### Alternative Names

NEDD4 family-interacting protein 1, N4WBP5

## PRODUCT SPECIFICATION

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### Molecular Weight

14.8 kDa (139aa) confirmed by MALDI-TOF (Molecular weight on SDS-PAGE will appear higher)

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.1M NaCl

### Purity

> 90% by SDS-PAGE

### Tag

His-Tag

### Application

SDS-PAGE

### Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

## BACKGROUND

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### Description

NDFIP1 belongs to a small group of evolutionarily conserved proteins with three transmembrane domains. It is a potential target for ubiquitination by the Nedd4 family of proteins. This protein is thought to be part of a family of integral Golgi membrane proteins. Recombinant human NDFIP1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMLALAA LAAVEPACGS RYQQLQNEEE SGEPEQAAGD APPPYSSISA ESAAYFDYKD

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ESGFPKPPSY NVATTLPSYD EAERTKAEAT IPLVPGRDED FVGRDDFDDA DQLRIGNDG

## General References

Wang Y. et al. (2012) J Immunol. 189:5304-5313

Howitt J. et al. (2012) J Cell Biol. 196:29-36.

## DATA

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### SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)