

Recombinant human NDFIP1 protein

Catalog Number: ATGP2468

PRODUCT INFORMATION

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

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

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 MGSMALALAA LAAVEPACGS RYQQLQNEEE SGEPEQAAGD APPPYSSISA ESAAYFDYKD

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ESGFPKPPSY NVATTLPSYD EAERTKAEAT IPLVPGRDED FVGRDDFDDA DQLRIGNDG

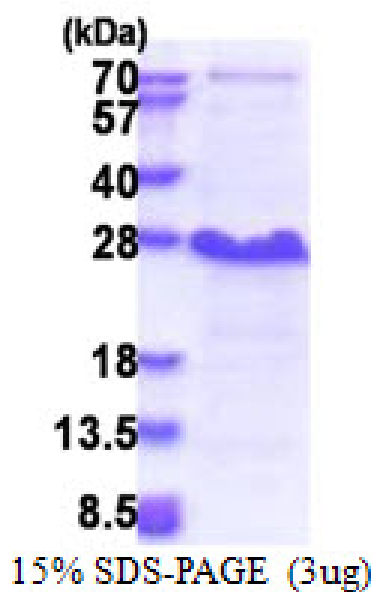
General References

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

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

DATA

SDS-PAGE



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