

# Recombinant human FOPNL protein

Catalog Number: ATGP1688

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-174aa

### UniProt No.

Q96NB1

### NCBI Accession No.

NP\_653201

### Alternative Names

FGFR1OP N-terminal like, C16orf63, FOR20, PHSECRG2

## PRODUCT SPECIFICATION

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### Molecular Weight

21.9 kDa (194aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol

### Purity

> 85% 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

FOPNL is involved in the biogenesis of cilia. This protein belongs to the FGFR1OP family and contains 1 LisH domain. FOPNL is widely expressed and detected in brain, heart, kidney, liver, lung, skeletal muscle, placenta and intestine. Recombinant human FOPNL protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.

### Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MATVAELKAV LKDTLEKKGV LGHLKARIRA EVFNALDDDR EPRPSLSHEN LLINELIREY

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LEFNKYKYTA SVLIAESGQP WVPLDRQFLI HELNAFEESK DNTIPLLYGI LAHFLRGTKD GIQNAFLKGP SLQPSDPSLG  
RQPSRRKPM DHLRKEEQKS TNIEDLHVSQ AVNR

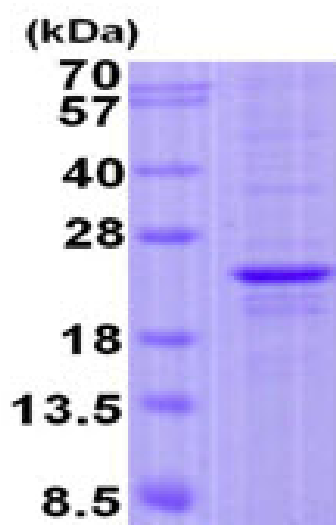
## General References

Sedjai, F., et al. (2010) J. Cell. Sci. 123 (PT 14), 2391-2401

Martin, J., et al. (2004) Nature 432 (7020), 988-994

## DATA

### SDS-PAGE



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

15% SDS-PAGE (3ug)