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# Recombinant human FOPNL protein

Catalog Number: ATGP1688

## PRODUCT INFORMATION

**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

**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

**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 SSGLVPRGSH> MATVAELKAV LKDTLEKKGV LGHLKARIRA EVFNALDDDR EPRPSLSHEN LLINELIREY

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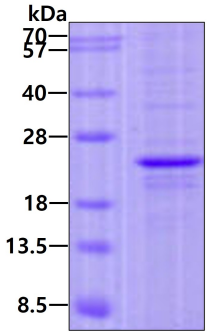
LEFNKYKYTA SVLIAESGQP VVPLDRQFLI HELNAFEESK DNTIPLLYGI LAHFLRGTKD GIQNAFLKGP SLQPSDPSLG RQPSRRKPMD DHLRKEEQKS TNIEDLHVSQ AVNR

**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.