

# Recombinant human DPH3P1 protein

Catalog Number: ATGP2620

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-78aa

### UniProt No.

Q9H4G8

### NCBI Accession No.

NP\_542788

### Alternative Names

Putative DPH3 homolog B, C20orf143, dj885L7.5, DPH3B, ZCSL1

## PRODUCT SPECIFICATION

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### Molecular Weight

11.1 kDa (101aa) confirmed by MALDI-TOF

### Concentration

0.5mg/ml (determined by Bradford assay)

### Formulation

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

### 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

DPH3P1 may represent a processed pseudogene of DPH3 because it lacks the exon/intron structure found in the functional gene. However, it does contain an intact open reading frame and it has not been established that the predicted protein is not translated. Recombinant human DPH3P1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

### Amino acid Sequence

MGSSHHHHHHH SGLVPRGSH MGSMVAFHDE VEIEDFYQDE DSETYFCPCP CGDNFSITKE ELENAGEVAM CPGCSLIIVK

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IYDKDQFACG ETVPVPSVVK E

## General References

Wang L. et al. (2012) PLoS One. 7:e49988

## DATA

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### SDS-PAGE



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

15% SDS-PAGE (3ug)