

# Recombinant human PRTFDC1 protein

Catalog Number: ATGP1094

## PRODUCT INFORMATION

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### Expression system

E.coli

### Domain

1-225aa

### UniProt No.

Q9NRG1

### NCBI Accession No.

NP\_064585

### Alternative Names

Phosphoribosyltransferase domain-containing protein 1, HHGP

## PRODUCT SPECIFICATION

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### Molecular Weight

28.1 kDa (248aa) confirmed by MALDI-TOF

### Concentration

1mg/ml (determined by Bradford assay)

### Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.1M NaCl, 1mM DTT

### Purity

> 95% 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

PRTFDC1, also known as phosphoribosyltransferase domain-containing protein 1, belongs to the purine/pyrimidine phosphoribosyltransferase family. Recombinant human PRTFDC1 protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography.

### Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MAGSSEE APDYGRGVVI MDDWPGYDLN LFTYPQHYYG DLEYVLIPHG IIVDRIERLA KDIMKDIGYS DIMVLCVLKG GYKFCADLVE HLNISRNSD RFVSMKVDFI RLKSYRNDQS MGEMQIIGGD

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DLSTLAGKNV LIVEDVVG TG RTMKALLSNI EKYKPNMIKV ASLLVKRTSR SDGFRPDYAG FEIPNLFVVG YALDYNEYFR  
DLNHICVINE HGKEYRV

## General References

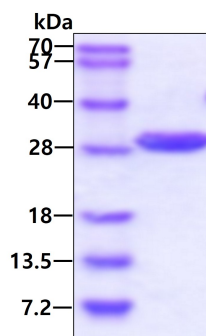
Gauci S., et al. (2009) Anal. Chem. 81:4493-4501

Ota T., et al. (2004) Nat. Genet. 36:40-45

## DATA

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### SDS-PAGE



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