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### Recombinant human PRTFDC1 protein

Catalog Number: ATGP1094

#### **PRODUCT INFORMATION**

#### **Expression system**

E.coli

#### **Domain**

1-225aa

#### UniProt No.

O9NRG1

#### **NCBI Accession No.**

NP 064585

#### **Alternative Names**

Phosphoribosyltransferase domain-containing protein 1, HHGP

#### PRODUCT SPECIFICATION

#### **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**

#### **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 SSGLVPRGSH MGS>MAGSSEE APDYGRGVVI MDDWPGYDLN LFTYPQHYYG DLEYVLIPHG IIVDRIERLA KDIMKDIGYS DIMVLCVLKG GYKFCADLVE HLKNISRNSD RFVSMKVDFI RLKSYRNDQS MGEMQIIGGD



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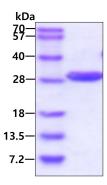
DLSTLAGKNV LIVEDVVGTG RTMKALLSNI EKYKPNMIKV ASLLVKRTSR SDGFRPDYAG FEIPNLFVVG YALDYNEYFR DLNHICVINE HGKEKYRV

#### **General References**

Gauci S., et al. (2009) Anal. Chem. 81:4493-4501 Ota T., et al. (2004) Nat. Genet. 36:40-45

### **DATA**

#### **SDS-PAGE**



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

