

## Product datasheet for **AR39034PU-N**

### **PRTFDC1 (1-225, His-tag) Human Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	PRTFDC1 (1-225, His-tag) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	<u>MGSSHHHHHH</u> <u>SSGLVPRGSH</u> <u>MGSMAGSSEE</u> APDYGRGVI MDDWPGYDLN LFTYPQHYYG DLEYVLIPHG IVDRIERLA KDIMKDIGYS DIMVLCVLKG GYKFCADLVE HLKNI SRNSD RFSMKVDFI RLKSYRNDQS MGEMQIIGGD DLSTLAGKNV LIVEDVVTG RTMKALLSNI EKYPNMIKV ASLLVKRTSR SDGFRPDYAG FEIPNLFVVG YALDYNEYFR DLNHICVINE HGKEKYRV
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	28.1 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95%
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 40% glycerol, 0.1M NaCl, 1 mM DTT
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human PRTFDC1 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.
<b>Storage:</b>	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<u>NP_001269715</u>
<b>Locus ID:</b>	56952
<b>UniProt ID:</b>	<u>Q9NRG1</u>
<b>Cytogenetics:</b>	10p12.1
<b>Synonyms:</b>	HHGP



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**Summary:** Has low, barely detectable phosphoribosyltransferase activity (in vitro). Binds GMP, IMP and alpha-D-5-phosphoribosyl 1-pyrophosphate (PRPP). Is not expected to contribute to purine metabolism or GMP salvage.[UniProtKB/Swiss-Prot Function]

**Protein Families:** Druggable Genome

**Product images:**

