

## PRTFDC1 Human

**Description:** PRTFDC1 produced in E.Coli is a single, non-glycosylated polypeptide chain containing 248 amino acids (1-225 a.a.) and having a molecular mass of 28.1kDa. PRTFDC1 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

**Catalog #:** ENPS-149

For research use only.

**Synonyms:** Phosphoribosyltransferase domain-containing protein 1, PRTFDC1, HHGP.

**Source:** Escherichia Coli.

**Physical Appearance:** Sterile Filtered colorless solution.

**Amino Acid Sequence:** MGSSHHHHHH SSGLVPRGSH MGSMAGSSEE APDYGRGVVI  
MDDWPGYDLN LFTYPQHYYG DLEYVLPHG IIVDRIERLA KDIMKDIGYS DIMVLCVLKG  
GYKFCADLVE HLKNI SRNSD RFVSMKVDFI RLKSYRNDQS MGEMQIIGGD DLSTLAGKNV  
LIVEDVVG TG RTMKALLSNI EKYKPNMIKV ASLLVKRTSR SDGFRPDYAG FEIPNLFVVG  
YALDYNEYFR DL

**Purity:** Greater than 95.0% as determined by SDS-PAGE.

**Formulation:**

PRTFDC1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.1M NaCl and 1mM DTT.

**Stability:**

PRTFDC1 Human Recombinant although stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

**Usage:**

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

**Introduction:**

Phosphoribosyltransferase domain-containing protein 1 (PRTFDC1) is a member of the purine/pyrimidine phosphoribosyltransferase family. PRTFDC1 has a low, barely measurable phosphoribosyltransferase activity (in vitro). PRTFDC1 can bind GMP, IMP and alpha-D-5-phosphoribosyl 1-pyrophosphate (PRPP). PRTFDC1 is not expected to impact purine metabolism or GMP salvage.

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