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PRTFDC1 Human

Catalog #:ENPS-149

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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.

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 DLEYVLIPHG IIVDRIERLA KDIMKDIGYS DIMVLCVLKG GYKFCADLVE HLKNISRNSD RFVSMKVDFI RLKSYRNDQS MGEMQIIGGD DLSTLAGKNV LIVEDVVGTG 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 althoμgh stable at 4°C for 1 week, should be stored below -18°C. Please prevent freeze thaw cycles.

Usage:
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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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