
Product Data Sheet

Product Name: PRTFDC1 Human
 Cat. No.: GP22170
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Phosphoribosyltransferase domain-containing protein 1; PRTFDC1; HHGP.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSMAGSSEE APDYGRGVVI MDDWPGYDLN LFTYPQHYYG DLEYVLPHG IVDRIERLA KDIMKDIGYS DIMVLCVLKG GYKFCADLVE HLNISRNSD RFVSMKVDFI RLKSYRNDQS MGEMQIIGGD DLSTLAGKNV LIVEDVVG TG RTMKALLSNI EKYKPNMIKV ASLLVKRTSR SDGFRPDYAG FEIPNLFVVG YALDYNEYFR DLNHICVINE HGKEKYRV.		
Formulation	PRTFDC1 protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 40% glycerol, 0.1M NaCl and 1mM DTT.		

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.

Stability

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

Background

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.

Caution: Product has not been fully validated for medical applications. For research use only.

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