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# 32-2922: UPRT Recombinant Protein

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| **Alternative Name :** | Uracil phosphoribosyltransferase homolog,Uracil phosphoribosyltransferase (FUR1) homolog (S.cerevisiae),FUR1,Uracil Phosphoribosyltransferase, RP11-311P8.3,UPP,UPRT, UPRTase,UMP pyrophosphorylase,uprt. |

## Description

Source : Escherichia Coli. UPRT Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 332 amino acids (1-309 a.a) and having a molecular mass of 36.2kDa.UPRT is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. UPRT is a uracil phosphoribosyltransferase, that catalyzes the alteration of uracil and 5-phosphoribosyl-1-R-diphosphate to uridine monophosphate (UMP). This reaction is a significant part of nucleotide metabolism, specifically the pyrimidine salvage pathway. UPRT is restricted to the nucleus and cytoplasm and is a possible target for rational design of drugs to cure cancer and parasitic infections.

## Product Info

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| **Amount :** | 10 µg |
| **Purification :** | Greater than 90.0% as determined by SDS-PAGE. |
| **Content :** | UPRT protein solution (0. 5mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. |
| **Storage condition :** | Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles. |
| **Amino Acid :** | MGSSHHHHHH SSGLVPRGSH MGSMATELQC PDSMPCHNQQ VNSASTPSPE QLRPGDLILD HAGGNRASRA KVILLTGYAH SSLPAELDSG ACGGSSLNSE GNSGSGDSSS YDAPAGNSFL EDCELSRQIG AQLKLLPMND QIRELQTIIR DKTASRGDFM FSADRLIRLV VEEGLNQLPY KECMVTTPTG YKYEGVKFEK GNCGVSIMRS GEAMEQGLRD CCRSIRIGKI LIQSDEETQR AKVYYAKFPP DIYRRKVLLM YPILSTGNTV IEAVKVLIEH GVQPSVIILL SLFSTPHGAK SIIQEFPEIT ILTTEVHPVA PTHFGQKYFG TD. |

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