

Uracil Phosphoribosyltransferase Human Recombinant

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| Item Number | rAP-2025 |
| Synonyms | Uracil phosphoribosyltransferase homolog, Uracil phosphoribosyltransferase (FUR1) homolog (S.cerevisiae), FUR1, Uracil Phosphoribosyltransferase, RP11-311P8.3, UPP, UPRT, UPRTase, UMP pyrophosphorylase, uprt. |
| Description | 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. |
| Uniprot Accession Number | Q96BW1 |
| Amino Acid Sequence | MGSSHHHHH SSSLVPRGSH MGSMA TELQC PDSMPCHNQQ VNSASTPSPE QLRPGDLILD HAGGNRASRA KVILLTGYAH SSLPAELDSG ACGGSSLNSE GNSGSGDSSS YDAPAGNSFL EDCELSRQIG AQLKLLPMND QIRELQTIIR DKTASRGDFM FSADRLIRLV VEEGLNQLPY KECMVTTPG YKYEGVKFEK GNCGVSIMRS GEAMEQGLRD CCRSIRIGKI LIQSDEETQR AKVYYAKFPP DIYRRKVLLM YPILSTGNTV IEAVKVLIEH GVQPSVILL SLFSTPHGAK SIIQEFPEIT ILTTEVHPVA PTH- FGQKYFG TD. |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered colorless solution. 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. |
| Formulation and Purity | UPRT protein solution (0.5 mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 20% glycerol and 1mM DTT. Greater than 90.0% as determined by SDS-PAGE. |
| Application | |
| Solubility | |
| Biological Activity | |
| Shipping Format and Condition | Lyophilized powder at room temperature. |

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**