

Quinolinate Phosphoribosyltransferase Human Recombinant

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| Item Number | rAP-1995 |
| Synonyms | Quinolinate phosphoribosyltransferase , QPRTase, QAPRTase. |
| Description | QPRT Human Recombinant produced in E.Coli is a single, non-glycosylated, polypeptide chain containing 317 amino acids (1-297 a.a.) and having a molecular mass of 32.9 kDa. The QPRT is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques. |
| Uniprot Accession Number | Q15274 |
| Amino Acid Sequence | MGSSHHHHHH SSGLVPRGSH MDAEGLALLL PPVTLAALVD SWLREDCPGL NYAALVSGAG PSQAAL-WAKS PGVLAGQPFF DAIFTQLNCQ VSWFLPEGSK LVPVARVAEV RGAHCLLLG ERVALNLTAR CSGIASAAAA AVEAARGAGW TGHVAGTRKT TPGFRLVEKY GLLVGGGAASH RYDLGGLVMV KDNHVVAAGG VEKAVRAARQ AADFALKVEV ECSSLQEAVQ AAEAGADLVL LDNFKPEELH PTATVLKAQF PSVAVEASGG ITLDNLPQFC GPHIDVISMG MLTQAAPALD FSLKLFKEV APVPKIH. |
| 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 | The QPRT solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 1mM DTT and 10% glycerol. Greater than 95.0% 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**