

Glutamyl-TRNA Amidotransferase, Subunit C Human Recombinant

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| Item Number | rAP-2023 |
| Synonyms | Glutamyl-TRNA(Gln) Amidotransferase Subunit C, Glu-AdT Subunit C, 15E1.2, Glutamyl-TRNA(Gln) Amidotransferase Subunit C Homolog (Bacterial), Glutamyl-TRNA(Gln) Amidotransferase Subunit C Mitochondrial, Glutamyl-TRNA(Gln) |
| Description | GATC Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 159 amino acids (1-136 a.a) and having a molecular mass of 17.5kDa (Molecular size on SDS-PAGE will appear higher).GATC is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chro- |
| Uniprot Accesion Number | O43716 |
| Amino Acid Sequence | MGSSHHHHHH SSSLVPRGSH MGSMSRLVW LGLRAPLGGR QGFTSKADPQ GSGRITAAVI EH- LERLALVD FGSREAVARL EKAIAFADRL RAVDTDGVPEP MESVLEDRCL YLRSDNVVEG NCADELLQNS HRVVEEYFVA PPGNISLPKL DEQEPFPHS |
| Source | Escherichia Coli. |
| Physical Appearance and Stability | Sterile Filtered clear 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 | GATC protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 30% glycerol and 1mM DTT. Greater than 85.0% 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**