

Human NAT1 Recombinant Protein



RPPB2001

Product Information Protein Information

Product SKU:

RPPB2001

Accession:

P18440

Host:

Escherichia Coli.

Protein description:

NAT1 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 310 amino acids (1-290) and having a molecular mass of 36.1 kDa. The NAT1 is fused to a 20 amino acid His-Tag at N-terminus and purified by proprietary chromatographic techniques.

Appearance:

NAT1 is supplied as a sterile filtered clear solution.

Synonyms:

N-acetyltransferase 1 (arylamine N-acetyltransferase), AAC1, Arylamide acetylase 1, Monomorphic arylamine N-acetyltransferase, MNAT, NAT-1.

Formulation:

NAT1 protein 0.5mg/ml is supplied in 20mM Tris-HCl, pH-8, 0.1M NaCl, 2mM DTT and 10% Glycerol.

Purity:

Greater than 85.0% as determined by SDS-PAGE.

Stability:

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 Sequence:

MGSSHHHHHH SSSLVPRGSH MDIEAYLERI GYKKS RNKLD LETLTDILQH QIRAVPFENL NIHCGDAMD
L GLEAIFDQVV RRNRGGWCLQ VNHLLYWALT TIGFETMLG GYVYSTPAKK YSTGMIHLLL QVTIDGRNYI
VDAGFGRSYQ MWQPLELISG KDQPQVPCIF RLTEENGFY LDQIRREQYI PNEEFLHSDL LEDSKYRKIY
SFTLKPRTE DFESMNTYLQ TSPASVFTSK SFCSLQTPDG VHCLVGFTLT HRRFNYKDNT DLIEFKTLSE
EEIEKVLKNI FNISLQRKLV PKHGDRFFTI