

## N-Acetyltransferase 6 Human Recombinant

<b>Item Number</b>	rAP-1939
<b>Synonyms</b>	N-acetyltransferase 1 (arylamine N-acetyltransferase), AAC1, Arylamide acetylase 1, Monomorphic arylamine N-acetyltransferase, MNAT, NAT-1.
<b>Description</b>	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.
<b>Uniprot Accession Number</b>	P18440
<b>Amino Acid Sequence</b>	MGSSHHHHHH SSGLVPRGSH MDIEAYLERI GYKKS RNKLD LETLTDILQH QIRAVPFENL NIHCG-DAMD L GLEAIFDQVV RRNRGGWCLQ VNHLLYWALT TIGFETMLG GYVYSTPAKK YSTGMIHLLL QVTIDGRNYI VDAGFGRSYQ MWQPLELISG KDQPQVPCIF RLTEENGFVY LDQIRREQYI PNEEF LHSDL LEDSKYRKIY SFTLKPRTIE DFESMNTYLQ TSPASVFTSK SFCSLQTPDG VHCLVGFTLT HRRFNYKDNT DLIEFKTLSE EEIEKVLKNI FNISLQRKLV PKHGDRFFTI
<b>Source</b>	Escherichia Coli.
<b>Physical Appearance and Stability</b>	NAT1 is supplied as a 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.
<b>Formulation and Purity</b>	NAT1 protein 0.5mg/ml is supplied in 20mM Tris-HCl, pH-8, 0.1M NaCl, 2mM DTT and 10% Glycerol. Greater than 85.0% as determined by SDS-PAGE.
<b>Application</b>	
<b>Solubility</b>	
<b>Biological Activity</b>	
<b>Shipping Format and Condition</b>	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**