

## Recombinant Human NAT1 protein, His-tagged

**Cat. No.** NAT1-4578H    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NAT1 protein(P18440)(1-290 aa), fused with N-terminal His tag, was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-290 aa
<b>Form</b>	For liquid formulations, the standard storage buffer consists of a Tris or PBS based solution supplemented with 5-50% glycerol. When provided as lyophilized powder, the product undergoes freeze-drying from a Tris- or PBS-based formulation containing 6% trehalose, adjusted to pH 8.0 prior to the lyophilization process.
<b>Molecular Mass</b>	38.0 kDa
<b>AASequence</b>	MDIEAYLERIGYKKS RNKLDLETLDILQHQIRAVPFENLNIHCGDAMDLDGLEAIFDQV VRRNRGGWCLQVNHLLYWALTTIGFETTMLGGYVYSTPAKKYSTGMIHLLLQVTIDG RNYIVDAGFGRSYQMWPLELISGKDQPQVPCVFRLTEENGFWYLDQIRREQYIPN EEFLHSDLLEDSKYRKIYSFTLKPRTIEDFESMNTYLQTS PSSVFTSKSFCSLQTPDG VHCLVGFTLTHRRFNYKDNTDLIEFKTLSEEEIEKVLKNIFNISLQRKLVPKHGDRFFTI
<b>Purity</b>	Greater than 85% as determined by SDS-PAGE.
<b>Storage</b>	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid

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repeated freeze-thaw cycles.

**Reconstitution**

Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. Aliquot for long-term storage at -80°C.

**GENE INFORMATION****Gene Name**

NAT1 N-acetyltransferase 1 (arylamine N-acetyltransferase) [ Homo sapiens ]

**Official Symbol**

NAT1

**Synonyms**

NAT1; N-acetyltransferase 1 (arylamine N-acetyltransferase); AAC1; arylamine N-acetyltransferase 1; arylamide acetylase 1; N-acetyltransferase type 1; monomorphic arylamine N-acetyltransferase; MNAT; NATI; NAT-1;

**Gene ID**

9

**mRNA Refseq**

NM\_000662

**Protein Refseq**


NP\_000653

**MIM**


108345

**UniProt ID**

P18440

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