

Recombinant Human NAT1 protein, His-tagged

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

SPECIFICATION

Product Overview	Recombinant Human NAT1 protein(P18440)(1-290 aa), fused with N-terminal His tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-290 aa
Form	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.
Molecular Mass	38.0 kDa
AASequence	MDIEAYLERIGYKKSRNKLDLETLDILQHQIRAVPFENLNIHCGDAMDGLGLEAIFDQV VRRNRGGWCLQVNHLLYWALTTIGFETTMLGGYVYSTPAKKYSTGMIHLLLQVTIDG RNYIVDAGFGRSYQMWQPLEISGKDQPQVPCVFRLTEENGFWYLDQIRREQYIPN EEFLHSDLLEDISKYRKIYSFTLKPRTIEDFESMNTYLQTSPSSVFTSKSFCSLQTPDG VHCLVGFTLTHRRFNYKDNTDLIEFKTLSEEEIEKVLKNIFNISLQRKLVPKHGDRFFTI
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	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](#)

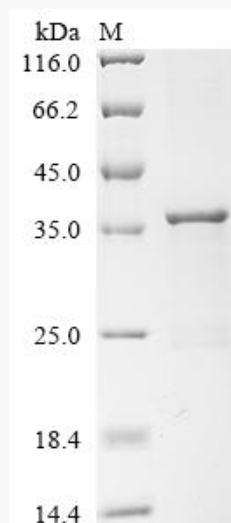
UniProt ID

[P18440](#)

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SDS-PAGE

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