

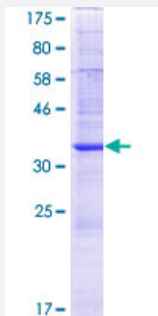
Full-Length

## NAT8B (Human) Recombinant Protein (P01)

Catalog # H00051471-P01

Size 25 ug, 10 ug

### Applications



### Specification

#### Product Description

Human NAT8B full-length ORF ( AAH69564.1, 1 a.a. - 143 a.a.) recombinant protein with GST-tag at N-terminal.

#### Sequence

MAEHAPATFRLLKLPRTLILLGGALALLVSGSWILALVFSLSLLPALWFLAKKPWTRYVDIALRT  
DMSDITKSYLSECGSCFWVGESEEEKVVGTVGALPVDDPTLREKRLQLFHLSDNEHRGQGIKA  
LVRTVLQFARD

#### Host

Wheat Germ (in vitro)

#### Theoretical MW (kDa)

42.3

#### Interspecies Antigen Sequence

Rat (67)

#### Preparation Method

[in vitro wheat germ expression system](#)

#### Purification

Glutathione Sepharose 4 Fast Flow

#### Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

#### Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

#### Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

## Note

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — NAT8B

Entrez GeneID [51471](#)

GeneBank Accession# [ENST00000377712](#)

Protein Accession# [AAH69564.1](#)

Gene Name NAT8B

Gene Alias CML2, Hcml2, MGC97061, NAT8BP

Gene Description N-acetyltransferase 8B (GCN5-related, putative, gene/pseudogene)

Omim ID [608190](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** The protein encoded by this gene is highly similar to the N-acetyltransferase 8 (NAT8) gene product, which is a kidney and liver protein with homology to bacterial acetyltransferases involved in drug resistance. This gene is localized on chromosome 2 in the vicinity of the NAT8 gene and may represent a pseudogene of NAT8. This gene contains two polymorphic nonsense mutations that disrupt the active site of the protein. The full-length product of this gene contains a complete acetyltransferase domain and is identical in length to NAT8. [provided by RefSeq]

**Other Designations** N-acetyltransferase 8B|N-acetyltransferase 8B (gene/pseudogene)|N-acetyltransferase Camello 2