

## Recombinant Human NAT8B Protein, GST-tagged

**Cat. No.** NAT8B-1540H    **Lot. No.** (See product label)

### SPECIFICATION

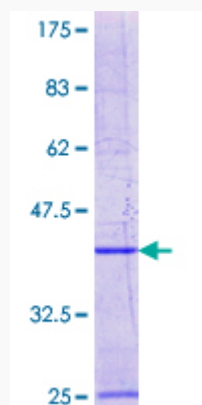
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|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Human CML2 partial ORF ( NP_057431.1, 83 a.a. - 179 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Source</b>           | Wheat Germ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | 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, Jul 2008] |
| <b>Molecular Mass</b>   | 36.41 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>AA Sequence</b>      | TRYVDIALRTDMSDITKSYLSECGSCFWVGEESEKVVGTVGALPVDDPTLREKRLQL<br>FHLSVDNEHRGQGIKALVRTVLQFARDQGYSEVVLDTSN                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>     | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>Protein Array                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |

 Tel: 1-631-559-9269    1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Notes</b>            | Best use within three months from the date of receipt of this protein.                                                                                                                                                                                                              |
| <b>Storage</b>          | Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.                                                                                                                                                                                                            |
| <b>Storage Buffer</b>   | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                            |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                     |
| <b>Gene Name</b>        | NAT8B N-acetyltransferase 8B (GCN5-related, putative, gene/pseudogene) [ Homo sapiens ]                                                                                                                                                                                             |
| <b>Official Symbol</b>  | NAT8B                                                                                                                                                                                                                                                                               |
| <b>Synonyms</b>         | NAT8B; N-acetyltransferase 8B (GCN5-related, putative, gene/pseudogene); N acetyltransferase 8B (gene/pseudogene); probable N-acetyltransferase 8B; Hcml2; NAT8BP; camello-like protein 2; N-acetyltransferase Camello 2; N-acetyltransferase 8B (gene/pseudogene); CML2; MGC97061; |
| <b>Gene ID</b>          | 51471                                                                                                                                                                                                                                                                               |
| <b>mRNA Refseq</b>      | NM_016347                                                                                                                                                                                                                                                                           |
| <b>Protein Refseq</b>   | NP_057431                                                                                                                                                                                                                                                                           |
| <b>MIM</b>              | 608190                                                                                                                                                                                                                                                                              |
| <b>UniProt ID</b>       | Q9UHF3                                                                                                                                                                                                                                                                              |

**Quality Control****Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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