

Recombinant Human NAT8B Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. NAT8B-3302H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	NAT8B MS Standard C13 and N15-labeled recombinant protein (NP_057431) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	25.4 kDa
AA Sequence	MAPYHIRKYQESDRKSVVGLLSGGMAEHAPATFRRLKLPRTLILLGGALALLLVSG SWILALVFSLSLLPALWFLAKKPWTRYVDIALRTDMSDITKSYLSECGSCFWVAESEE KVVGTVGALPVDDPTLREKRLQLFHLSDNEHRGQGIKALVRTVLQFARDQGYSE VVLDTSNIQLSAMGLYQSLGFKKTGQSFFHVWARLVDLHTVHFYIHLPSAQAGRLTR TRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

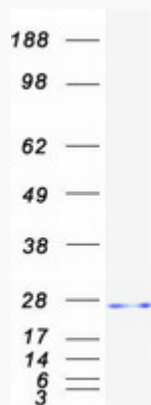
Gene Name	NAT8B N-acetyltransferase 8B (putative, gene/pseudogene) [Homo sapiens (human)]
Official Symbol	NAT8B
Synonyms	NAT8B; N-acetyltransferase 8B (GCN5-related, putative, gene/pseudogene); N acetyltransferase 8B (gene/pseudogene); probable N-acetyltransferase 8B; Hcml2; NAT8BP; camello-like protein 2; N-acetyltransferase Camello 2; N-acetyltransferase 8B (gene/pseudogene); CML2; MGC97061;
Gene ID	51471
mRNA Refseq	NM_016347
Protein Refseq	NP_057431
MIM	608190
UniProt ID	Q9UHF3

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SDS-PAGE



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