

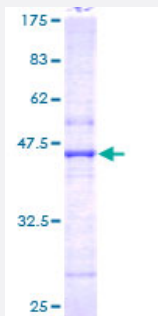
Full-Length

NAT5 (Human) Recombinant Protein (P01)

Catalog # H00051126-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human NAT5 full-length ORF (AAH05181, 1 a.a. - 178 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MTTLRAFTCDDLFRFNNINLDPLTETYGIPFYLQYLAHWPEYFVAEAPGGELMGYIMGKAEGSVAREEWHGHVLTALSVAPEFRRLGLAAKLMELLEESERKGGFFVDLFVRVSNQVAVNMYKQLGYSVYRTVIEYYSASNGEPDEDAYDMRKALSRDTEKKSIIPLPHPVRPEDIE
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	45.32
Interspecies Antigen Sequence	Mouse (94); Rat (94)
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 — NAT5

Entrez GeneID [51126](#)

GeneBank Accession# [BC005181](#)

Protein Accession# [AAH05181](#)

Gene Name NAT5

Gene Alias NAT3, dJ1002M8.1

Gene Description N-acetyltransferase 5 (GCN5-related, putative)

Omim ID [610833](#)

Gene Ontology [Hyperlink](#)

Gene Summary NAT5 is a component of N-acetyltransferase complex B (NatB). Human NatB performs cotranslational N(alpha)-terminal acetylation of methionine residues when they are followed by asparagine (Starheim et al., 2008 [PubMed 18570629]).[supplied by OMIM]

Other Designations N-acetyltransferase 3 homolog|N-acetyltransferase 5|N-acetyltransferase 5 (ARD1 homolog, S. cerevisiae)|N-acetyltransferase 5, ARD1 subunit (arrest-defective 1, S. cerevisiae, homolog)|N-terminal acetyltransferase complex ARD1 subunit|OTTHUMP00000030374|d

Pathway

- [1- and 2-Methylnaphthalene degradation](#)

- [Benzoate degradation via CoA ligation](#)
- [Glycerophospholipid metabolism](#)
- [Limonene and pinene degradation](#)
- [Phenylalanine metabolism](#)
- [Tyrosine metabolism](#)