

Recombinant Human AMT protein, GST-tagged

Cat. No. AMT-531H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human AMT full-length ORF (AAH07546, 1 a.a. - 289 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene encodes one of four critical components of the glycine cleavage system. Mutations in this gene have been associated with glycine encephalopathy. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2011]
Molecular Mass	57.53 kDa
AA Sequence	MESLVVGDIAELRPNQGTLSLFTNEAGGILDDLIVTNTSEGHLYVVSNAGCWEKDLA LMQDKVRELQNQGRDVGLEVLNALLALQGPTAAQVLQAGVADDLRKLPFMSTAV MEVFGVSGCRVTRCGYTGEDGVEISVPVAGAVHLATAILKNPEVKLAGLAARDSLRL EAGLCLYGNIDEHTTPVEGSLSWTLGKRRRAAMDFPGAKVIVPQLKGRVQRRRVG LMCEGAPMRAHSPILNMEGTKIGTVTSGCPSPSLKKNVAMGYVPCYEYSRPGTMLLV ELPSGPCF
Applications	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array
Notes	Best use within three months from the date of receipt of this protein.

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Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

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

GENE INFORMATION

Gene Name [AMT aminomethyltransferase \[Homo sapiens \]](#)

Official Symbol [AMT](#)

Synonyms AMT; aminomethyltransferase; aminomethyltransferase (glycine cleavage system protein T); aminomethyltransferase, mitochondrial; GCST; glycine cleavage system protein T; NKH; glycine cleavage system T protein; GCE; GCVT;

Gene ID [275](#)

mRNA Refseq [NM_000481](#)

Protein Refseq [NP_000472](#)

MIM [238310](#)

UniProt ID [P48728](#)

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12.5% SDS-PAGE Stained with Coomassie Blue.

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