

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	MESLVVGDI AELRPNQGTLSLFTNEAGGILDDLIVTNTSEGHLYVVSNAGCWEKDLA LMQDKVRELQNQGRDVGLEVLNALLALQGPTAAQVLQAGVADDLRKLPFMTSAV MEVFGVSGCRVTRCGYTGEDGVEISVPVAGAVHLATAILKNPEVKLAGLAARDSLRL EAGLCLYGNDIDEHTTPVEGSLSWTLGKRRRAAMDFFGAKVIVPQLKGRVQRRRVG LMCEGAPMRAHSPILNMEGTKIGTVTSGCPSPSLKKNVAMGYVPCEYSRPGTMLLV 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.

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

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
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Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
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GENE INFORMATION

Gene Name	AMT aminomethyltransferase [Homo sapiens]
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Official Symbol	AMT
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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;
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Gene ID	275
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mRNA Refseq	NM_000481
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Protein Refseq	NP_000472
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MIM	238310
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UniProt ID	P48728
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12.5% SDS-PAGE Stained with Coomassie Blue.

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