

# Recombinant Full Length Human AMT Protein, GST-tagged

**Cat. No.** AMT-1029HF    **Lot. No.** (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human AMT full-length ORF ( AAH07546, 1 a.a. - 289 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	289 amino acids
<b>Description</b>	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]
<b>Molecular Mass</b>	57.53 kDa
<b>AA Sequence</b>	MESLVVGDIA ELRPNQGTL S LFTNEAGGIL DDLIVTNTSE GHLYVVS NAG CWEKDLALMQ DKVRELQNQG RDVGLEVL DN ALLALQGPTA AQLVQAGVAD DLRKLPFMTS AVMEVFGVSG CRVTRCGYT G EDGVEISVPV AGAVHLATAI LKNPEVKLAG LAARDSLRLE AGLCLYGNDI DEHTTPVEGS LSWTLGKRRR AAMDFPGAKV IVPQLKGRVQ RRRVGLMCEG APMRAHSPIL NMEGTKIGTV TSGCPSPSLK KNVAMGYVPC EYSRPGTMLL VELPSGPCF
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay; Western Blot (Recombinant protein); Antibody Production; Protein Array

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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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