Recombinant Full Length Human AMT Protein, GST-tagged

Cat. No. AMT-1029HF **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	In Vitro Cell Free System
ProteinLength	289 amino acids
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	MESLVVGDIA ELRPNQGTLS LFTNEAGGIL DDLIVTNTSE GHLYVVSNAG CWEKDLALMQ DKVRELQNQG RDVGLEVLDN ALLALQGPTA AQVLQAGVAD DLRKLPFMTS AVMEVFGVSG CRVTRCGYTG EDGVEISVPV AGAVHLATAI LKNPEVKLAG LAARDSLRLE AGLCLYGNDI DEHTTPVEGS LSWTLGKRRR AAMDFPGAKV IVPQLKGRVQ RRRVGLMCEG APMRAHSPIL NMEGTKIGTV TSGCPSPSLK KNVAMGYVPC EYSRPGTMLL VELPSGPCF
Applications	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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