

Recombinant Human AMT protein, His-tagged

Cat. No. AMT-2690H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human AMT protein(147-321 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	147-321 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	EKDLALMQDKVRELQNQGRDVGLEVLNALLALQGPTAAQVLQAGVADDLRKL PFMTSAVMEVFGVSGCRVTRCGYTGEDGVEISVPVAGAVHLATAILKNPEVKLAGLAA RDSLRLEAGLCCLYGNDIDEHTTPVEGSLSWTLGKRRRAAMDFPGAKVIVPQLKGRV QRRRVGLM
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

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Reconstitution	Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.
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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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