

Recombinant Human AMT protein ab202602

1 Image

Description

Product name	Recombinant Human AMT protein
Purity	> 90 % SDS-PAGE. ab202602 was purified using conventional chromatography techniques.
Expression system	Escherichia coli
Accession	<u>P48728</u>
Protein length	Full length protein
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MGSSHHHHHHSSGLVPRGSHMGSAAQEVLRRTPLYDFHL AHGGKMVAFAGW SLPVQYRDSHTDSLHTRQHCSLFDVSHMLQTKILGSDRV KLMESLVVGD IAELRPNQGTLSLFTNEAGGILDDLVTNTSEGHLVVSNA G CWEKDLAL MQDKVRELQNQGRDVGLEVLNALLALQGPTAAQVLQA GVADDLRKLPM TSAVMEVFGVSGCRVTRCGYTGEDGVEISVPVAGAVHLA TAILKNPEVKL AGLAARDSLRLEAGLCLYGNDIDEHTTPVEGSLSWTLGKR RRAAMDFPGA KVVPQLKGRVQRRRVGLMCEGAPMRAHSPILNMEGTKIG TVTSGCPSPS LKKNVAMGYVPCEYSRPGTMLLVEVRRKQQMAVVSKMP FVPTNYYTLK
Predicted molecular weight	43 kDa including tags
Amino acids	29 to 403
Tags	His tag N-Terminus
Additional sequence information	This product is for the mature full length protein from aa 29 to 403. The signal peptide is not included. NP_000472

Specifications

Our **Abpromise guarantee** covers the use of **ab202602** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications Mass Spectrometry

SDS-PAGE

Mass spectrometry MALDI-TOF

Form Liquid

Preparation and Storage

Stability and Storage Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

pH: 7.4

Constituents: 30% Glycerol (glycerin, glycerine), 0.02% DTT, 69% PBS

General Info

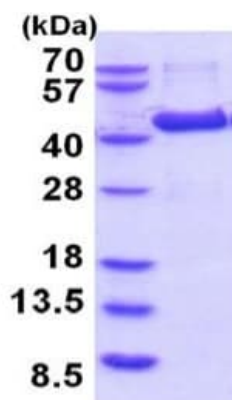
Function The glycine cleavage system catalyzes the degradation of glycine.

Involvement in disease Non-ketotic hyperglycinemia

Sequence similarities Belongs to the GcvT family.

Cellular localization Mitochondrion.

Images



15% SDS-PAGE analysis of 3 µg of ab202602.

SDS-PAGE - Recombinant Human AMT protein
(ab202602)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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