

Product datasheet for **AR51871PU-N**

Aminomethyltransferase (29-403, His-tag) Human Protein

Product data:

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|---------------------------------------|--|
| Product Type: | Recombinant Proteins |
| Description: | Aminomethyltransferase (29-403, His-tag) human protein, 0.5 mg |
| Species: | Human |
| Expression Host: | E. coli |
| Expression cDNA Clone or AA Sequence: | MGSSHHHHHH SSGLVPRGSH MGSAQEVLR TPLYDFHLAH GGKMVAFAGW SLPVQYRDSH TDSHLHTRQH CSLFDVSHML QTKILGSDRV KLMESLVVGD IELRPNQGT LSLFTNEAGG ILDDLIVTNT SEGHLVVS N AGCWEKDLAL MQDKVRELQN QGRDVGLEVL DNALLALQGP TAAQVLQAGV ADDLRKLPFM TSAVMEVFGV SGCRTVRCGY TGEDGVEISV PVAGAVHLAT AILKNPEVKL AGLAARDSLR LEAGLCLYGN DIDEHTTPVE GLSWTLGKR RRAAMDTPGA KVIVPQLKGR VQRRRVGLMC EGAPMRAHSP ILNMEGTKIG TVTSGCPSPS LKKNVAMGYV PCEYSRPGTM LLVEVRRKQQ MAVVSKMPFV PTNYYTLK |
| Tag: | His-tag |
| Predicted MW: | 43.3 kDa |
| Concentration: | lot specific |
| Purity: | >95% by SDS - PAGE |
| Buffer: | Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate Buffered Saline containing 30% glycerol, 1 mM DTT |
| Preparation: | Liquid purified protein |
| Storage: | Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. |
| Stability: | Shelf life: one year from despatch. |
| RefSeq: | NP_000472 |
| Locus ID: | 275 |
| UniProt ID: | P48728 , A0A024R2U7 |
| Cytogenetics: | 3p21.31 |
| Synonyms: | GCE; GCST; GCVT; NKH |



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Summary: 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]

Protein Pathways: Glycine, serine and threonine metabolism, Metabolic pathways, Nitrogen metabolism, One carbon pool by folate

Product images:

