

Product datasheet for **AR51871PU-S**

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

Product data:

Product Type:	Recombinant Proteins
Description:	Aminomethyltransferase (29-403, His-tag) human protein, 0.1 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 SEGHLVVSNA AGCWEKDLAL MQDKVRELQN QGRDVGLEVL DNALLALQGP TAAQVLQAGV ADDLRKLPM TSAMVEVFGV SGCVRTRCGY TGEDGVEISV PVAGAVHLAT AILKNPEVKL AGLAARDSLR LEAGLCLYGN DIDEHTTPVE GSWTLGKR RRAAMDFPGA 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:

