

Product datasheet for AR51871PU-N

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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

Product data:

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 MGSAQEVLRR TPLYDFHLAH GGKMVAFAGW SLPVQYRDSH TDSHLHTRQH CSLFDVSHML QTKILGSDRV KLMESLVVGD IAELRPNQGT LSLFTNEAGG ILDDLIVTNT SEGHLYVVSN AGCWEKDLAL MQDKVRELQN QGRDVGLEVL DNALLALQGP TAAOVLOAGV ADDLRKLPFM TSAVMEVFGV SGCRVTRCGY TGEDGVEISV PVAGAVHLAT

TAAQVLQAGV ADDLRKLPFM TSAVMEVFGV SGCRVTRCGY TGEDGVEISV PVAGAVHLAT AILKNPEVKL AGLAARDSLR LEAGLCLYGN DIDEHTTPVE GSLSWTLGKR 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: <u>P48728</u>, <u>A0A024R2U7</u>

Cytogenetics: 3p21.31

Synonyms: GCE; GCST; GCVT; NKH





Aminomethyltransferase (29-403, His-tag) Human Protein - AR51871PU-N

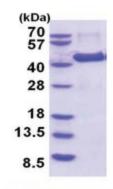
Summary:

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:



15% SDS-PAGE (3ug)