Product datasheet for AR09378PU-L

Aprataxin (1-168, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Aprataxin (1-168, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWAGSMQD PKMQVYKDEQ VVVIKDKYPK ARYHWLVLPW TSISSLKAVA REHLELLKHM HTVGEKVIVD FAGSSKLRFR LGYHAIPSMS HVHLHVISQD FDSPCLKNKK HWNSFNTEYF LESQAVIEMV QEAGRVTVRD GMPELLKLPL RCHECQQLLP SIPQLKEHLR KHWTQ
Tag:	His-tag
Predicted MW:	23.9 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 7.5) containing 20% glycerol, 100 mM NaCl, 0.1 mM PMSF
Preparation:	Liquid purified protein
Protein Description:	Recombinant Aprataxin protein, fused to His-tag, was expressed in E.coli and purified by using conventional chromatography techniques.
Storage:	Store undiluted at 2-8°C for up to two weeks or (in aliquots) at -20°C or -70°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001182177
Locus ID:	54840
UniProt ID:	Q7Z2E3
Cytogenetics:	9p21.1
Synonyms:	AOA; AOA1; AXA1; EAOH; EOAHA; FHA-HIT

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Summary: This gene encodes a member of the histidine triad (HIT) superfamily. The encoded protein may play a role in single-stranded DNA repair through its nucleotide-binding activity and its diadenosine polyphosphate hydrolase activity. Mutations in this gene have been associated with ataxia-ocular apraxia. Alternatively spliced transcript variants have been identified for this gene.[provided by RefSeq, Aug 2010]

Protein Families: Druggable Genome

Product images: