

## Product datasheet for **AR51928PU-S**

### **BOLA3 (1-107, His-tag) Human Protein**

#### **Product data:**

<b>Product Type:</b>	Recombinant Proteins
<b>Description:</b>	BOLA3 (1-107, His-tag) human recombinant protein, 0.1 mg
<b>Species:</b>	Human
<b>Expression Host:</b>	E. coli
<b>Expression cDNA Clone or AA Sequence:</b>	MGSSHHHHHH SSGLVPRGSH MGSMAAWSPA AAAPLLRGIR GLPLHHRMFA TQTEGELRVT QILKEKFPRA TAIKVTDISG GCGAMYEIKI ESEEFKEKRT VQQHQMVNQA LKEEIKEMHG LRIFTSVPKR
<b>Tag:</b>	His-tag
<b>Predicted MW:</b>	14.5 kDa
<b>Concentration:</b>	lot specific
<b>Purity:</b>	>95% by SDS - PAGE
<b>Buffer:</b>	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4) containing 10% glycerol
<b>Preparation:</b>	Liquid purified protein
<b>Protein Description:</b>	Recombinant human BOLA3 was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Storage:</b>	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.
<b>Stability:</b>	Shelf life: one year from despatch.
<b>RefSeq:</b>	<a href="#">NP_001030582</a>
<b>Locus ID:</b>	388962
<b>UniProt ID:</b>	<a href="#">Q53S33</a> , <a href="#">Q8N338</a>
<b>Cytogenetics:</b>	2p13.1
<b>Synonyms:</b>	MMDS2



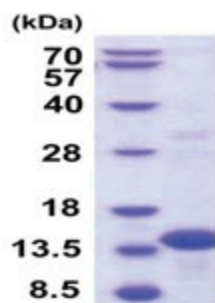
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**Summary:**

This gene encodes a protein that plays an essential role in the production of iron-sulfur (Fe-S) clusters for the normal maturation of lipoate-containing 2-oxoacid dehydrogenases, and for the assembly of the mitochondrial respiratory chain complexes. Mutation in this gene has been associated with multiple mitochondrial dysfunctions syndrome-2. Two alternatively spliced transcript variants encoding different isoforms with distinct subcellular localization have been reported for this gene (PMID:21944046). [provided by RefSeq, Dec 2011]

**Protein Families:**

Transcription Factors

**Product images:**

15% SDS-PAGE (3ug)