

Product datasheet for **AR51928PU-N**

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

Product data:

Product Type:	Recombinant Proteins
Description:	BOLA3 (1-107, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAAWSPA AAAPLLRGIR GLPLHHRMFA TQTEGELRVT QILKEKFPRA TAIKVTDISG GCGAMYEIKI ESEEFKEKRT VQQHQMVNQA LKKEIKEMHG LRIFTSVPKR
Tag:	His-tag
Predicted MW:	14.5 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: Phosphate buffered saline (pH 7.4) containing 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human BOLA3 was expressed in E.coli and purified by using conventional chromatography techniques.
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_001030582
Locus ID:	388962
UniProt ID:	Q53S33 , Q8N338
Cytogenetics:	2p13.1
Synonyms:	MMDS2



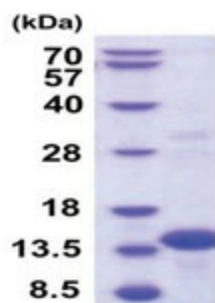
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Summary:

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)