

# Product datasheet for AR50781PU-S

## MAD3 (1-206, His-tag) Human Protein

### **Product data:**

#### OriGene Technologies, Inc.

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Product Type:	Recombinant Proteins
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Description:	MAD3 (1-206, His-tag) human recombinant protein, 0.1 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMEPLASN IQVLLQAAEF LERREREAEH GYASLCPHRS PGPIHRRKKR PPQAPGAQDS GRSVHNELEK RRRAQLKRCL ERLKQQMPLG ADCARYTTLS LLRRARMHIQ KLEDQEQRAR QLKERLRSKQ QSLQRQLEQL RGLAGAAERE RLRADSLDSS GLSSERSDSD QEELEVDVES LVFGGEAELL RGFVAGQEHS YSHGGGAWL
Tag:	His-tag
Predicted MW:	25.9 kDa
Concentration:	lot specific
Purity:	>90% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MXD3 protein, fused to His-tag at N-terminus, was expressed in E.coli.
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:	<u>NP_001136407</u>
Locus ID:	83463
UniProt ID:	<u>Q9BW11</u>
Cytogenetics:	5q35.3
Synonyms:	BHLHC13; MAD3; MYX



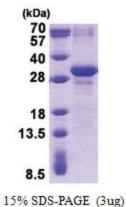
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<b>MAD3 (1-206, His-tag) Human Protein – AR50781PU-S</b>
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Summary: This gene encodes a member of the Myc superfamily of basic helix-loop-helix leucine zipper transcriptional regulators. The encoded protein forms a heterodimer with the cofactor MAX which binds specific E-box DNA motifs in the promoters of target genes and regulates their transcription. Disruption of the MAX-MXD3 complex is associated with uncontrolled cell proliferation and tumorigenesis. Transcript variants of this gene encoding different isoforms have been described.[provided by RefSeq, Dec 2008]

Protein Families: Druggable Genome, Transcription Factors

#### **Product images:**



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