

## Product datasheet for **AR51062PU-N**

### HMGB3 (1-180, His-tag) Human Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	HMGB3 (1-180, His-tag) human protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMAGDPK KPKGKMSAYA FFVQTCREEH KKKNPPEVPVN FAEFSKKCSE RWKTMSGKEK SKFDEMAKAD KVRDREMMD YGPAKGGKKK KDPNAPKRPP SGFFLFCSEF RPKIKSTNPG ISIGDVAKKL GEMWNNLNDSEKQPYITKAA KLKEKEYEKDV ADYKSKGKFD GAKGPAKVAR KKV
Tag:	His-tag
Predicted MW:	22.8 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% 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:	<a href="#">NP_001288157</a>
Locus ID:	3149
UniProt ID:	<a href="#">O15347</a>
Cytogenetics:	Xq28
Synonyms:	HMG-2a; HMG-4; HMG2A; HMG4



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**Summary:**

This gene encodes a member of a family of proteins containing one or more high mobility group DNA-binding motifs. The encoded protein plays an important role in maintaining stem cell populations, and may be aberrantly expressed in tumor cells. A mutation in this gene was associated with microphthalmia, syndromic 13. There are numerous pseudogenes of this gene on multiple chromosomes. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2014]

**Protein Families:**

Transcription Factors

**Product images:**