

Product datasheet for **AR50140PU-N**

MRGBP (1-204, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	MRGBP (1-204, His-tag) human recombinant protein, 0.25 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGEAEVGGGG AAGDKGPGEA ATSPAETVW WSPEVEVCLF HAMLGHKPVG VNRHFHMICI RDKFSQNIGR QVPSKVIWDH LSTMYDMQAL HESEILPFPN PERNFVLPEE IIQEVREGKV MIEEEMKEEM KEDVDPHNGA DDVFSSGSL GKASEKSSKD KEKNSSDLGC KEGADKRKRS RVTDKVLTAN SNPSSPSAAK RRRT
Tag:	His-tag
Predicted MW:	24.5 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 1 mM DTT, 20% glycerol, 0.2M NaCl
Preparation:	Liquid purified protein
Protein Description:	Recombinant human MRGBP protein, fused to His-tag at N-terminus, 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_060740
Locus ID:	55257
UniProt ID:	Q9NV56
Cytogenetics:	20q13.33
Synonyms:	C20orf20; Eaf7; MRG15BP; URCC4



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Summary:

Component of the NuA4 histone acetyltransferase (HAT) complex which is involved in transcriptional activation of select genes principally by acetylation of nucleosomal histones H4 and H2A. This modification may both alter nucleosome - DNA interactions and promote interaction of the modified histones with other proteins which positively regulate transcription. This complex may be required for the activation of transcriptional programs associated with oncogene and proto-oncogene mediated growth induction, tumor suppressor mediated growth arrest and replicative senescence, apoptosis, and DNA repair. NuA4 may also play a direct role in DNA repair when recruited to sites of DNA damage. [UniProtKB/Swiss-Prot Function]

Protein Families:

Transcription Factors

Product images: