

## Product datasheet for **AR50995PU-N**

### Maltose Binding Protein Tag / MBP-Tag (1-387, His-tag) Escherichia coli Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Maltose Binding Protein Tag / MBP-Tag (1-387, His-tag) protein, 0.5 mg
Species:	Escherichia coli
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMKIEEGK LVIWINGDKG YNGLAEVGKK FEKDTGIKVT VEHPDKLEEK FPQVAATGDG PDIIWAHDR FGGYAQSGLL AEITPDKAFQ DKLYPFTWDA VRYNGKLIAY PIAVEALSLI YNKDLLPNPP KWEEIPALD KELKAKGKSA LMFNLQEPYF TWPLIAADGG YAFKYENGY DDKDVGVDNA GAKAGLTFLV DLIKNKHMNA DTDYSIAEAA FNKGETAMTI NGPWAWSNID TSKVNYGVTV LPTFKGQPSK PFVGVLSAGI NAASPNKELA KEFLENYLLT DEGLEAVNKD KPLGAVALKS YEEELAKDPR IAATMENAQK GEIMPNIPQM SAFWYAVRTA VINAASGRQT VDEALKDAQT NSSNNNNNNN NNNNLGIEGR
Tag:	His-tag
Predicted MW:	44.9 kDa
Concentration:	lot specific
Purity:	>95% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.1 M NaCl, 10% glycerol
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.
Summary:	Cytoplasmic maltose-binding protein, also known as MBP, is a protein related with the maltose/maltodextrin system of Escherichia coli, which is responsible for the uptake and efficient catabolism of maltodextrins. It is a complex regulatory and transport



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Product images:

