

## Product datasheet for **AR50336PU-N**

### mlgG (98-330, His-tag) Mouse Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	mlgG (98-330, His-tag) mouse recombinant protein, 0.5 mg
Species:	Mouse
Expression cDNA Clone or AA Sequence:	ADPEPRGPTI KPCPPCKCPA PNLLGGPSVF IFPPKIKDVL MISLSPIVTC VVDVSEDDP DVQISWVFN VEVHTAQQT HREDYNSTLR VVSALPIQHQ DWMSGKEFKC KVNNDLPAP IERTISKPKG SVRAPQVYVL PPPEEMTKK QVTLTCMVTD FMPEDIYVEW TNNGKTELNY KNTEPVLDS GSYFMYSKLR VEKKNWVERN SYSCSVHEG LHNHHTTKSF SRTPGKHHHH HH
Tag:	His-tag
Predicted MW:	27.5 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 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant mouse IgG protein, fused to His-tag at C-terminus, was expressed in Hi-5 cell using baculovirus expression system and purified by using conventional chromatography.
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.
Synonyms:	Immunoglobulin heavy chain constant region gamma 2a, Immunoglobulin G
Summary:	Immunoglobulin G (IgG) is antibody molecules. Each IgG is composed of four peptide chains — two heavy chains gamma and two light chains. Each IgG has two antigen binding sites. IgG antibodies are involved in predominantly the secondary immune response. The presence of specific IgG, in general, corresponds to maturation of the antibody response. It also plays an important role in Antibody-dependent cell-mediated cytotoxicity(ADCC) and Intracellular antibody-mediated proteolysis, in which it binds to TRIM21 (the receptor with greatest affinity to IgG in humans) in order to direct marked virions to the proteasome in the cytosol.



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**Product images:**

