

本公司提供的电子版本说明书仅供参考，实验请以收到的纸质手册为准。

mIgG, 98-330aa, mouse, His tag, Baculovirus

产品货号: TP02978

第三版

别名: Immunoglobulin heavy chain constant region gamma 2a.

描述: Immunoglobulin G (IgG) is antibody molecules. Each IgG is composed of four peptide chains — two heavy chains 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.

配方: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol.

分子量: 27.5kDa (242aa)

序列:

```
ADPEPRGPTIKPCPPCKCPAPNLLGGPSVFIFPPKIKDVLMISLSPIVTCVVVDVSEDDPDVQISWFWNNVEVHTAQTQTHR  
EDYNSTLRVVSALPIQHQDWMSGKEFKCKVNNKDLPIERTISKPKGSVRAPQVYVLPPEEEMTKKQVTLTCMVTDFM  
PEDIYVEWTNNGKTELNYKNTEPVLDSDGSYFMYSKLRVEKKNWVERNSYSCSVVHEGLHNHHTTKSFSRTPGKHHHH  
HH
```

纯度: > 95% by HPLC

浓度: 1mg/ml (determined by Bradford assay)

内毒素: <1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.