

## Recombinant Mouse Ighg1 protein

Cat. No. Ighg1-5543M Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Mouse Ighg1 protein(P01868)(Val98-Lys324) was expressed in HEK293.
<b>Species</b>	Mouse
<b>Source</b>	HEK293
<b>ProteinLength</b>	Val98-Lys324
<b>Tag</b>	Non
<b>Form</b>	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 5% trehalose is added as protectant before lyophilization.
<b>Bio-activity</b>	Mouse FcRn, His Tag captured on CM5 Chip via anti-his antibody can bind Mouse IgG1 Fc, No Tag with an affinity constant of 15.09 nM as determined in SPR assay (Biacore T200).
<b>Molecular Mass</b>	The protein has a predicted MW of 25.7 kDa. Due to glycosylation, the protein migrates to 34-36 kDa based on Tris-Bis PAGE result.
<b>Endotoxin</b>	Less than 1EU per µg by the LAL method.
<b>Purity</b>	> 95% as determined by Tris-Bis PAGE;> 95% as determined by HPLC

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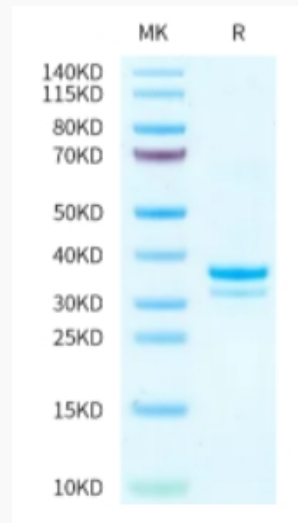
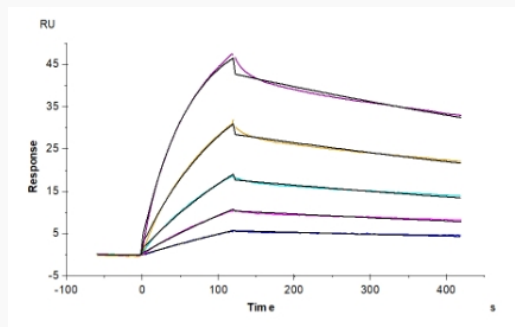
 45-1 Ramsey Road, Shirley, NY 11967, USA

**Storage**

Reconstituted protein stable at -80°C for 12 months, 4°C for 1 week. Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

**Reconstitution**

Centrifuge tubes before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

**Tris-Bis PAGE****SPR Data**

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