

Recombinant Mouse Iggh protein

Cat. No. Iggh-1590M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Iggh protein(P01863)(Glu98-Lys330) was expressed in HEK293.
Species	Mouse
ProteinLength	Glu98-Lys330
Tag	N/A
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Mouse FcRn, His Tag captured on CM5 Chip via Anti-His Antibody can bind Mouse IgG2a Fc, No Tag with an affinity constant of 2.72 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 26.38 kDa. Due to glycosylation, the protein migrates to 33-38 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE; > 95% as determined by HPLC.
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.

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Reconstitution

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

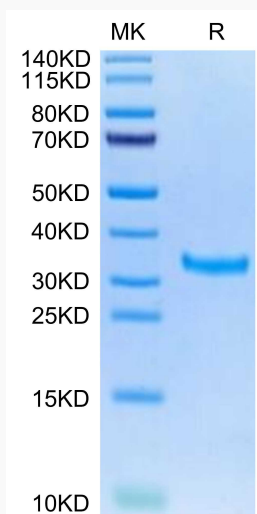
GENE INFORMATION

Gene Name *Ighg* Immunoglobulin heavy chain (gamma polypeptide) [*Mus musculus*]

Official Symbol *Ighg*

Synonyms IGHG; Immunoglobulin heavy chain (gamma polypeptide); IGHG2A; AU044919; MGC102604; MGC102659;

Gene ID 380794

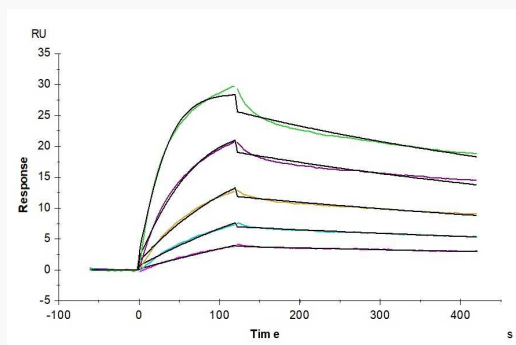
Tris-Bis PAGE


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