

IgG2C Fc Protein, Mouse (HEK293)

Cat. No.:	HY-P700737
Synonyms:	Ighg2c; IgG2C
Species:	Mouse
Source:	HEK293
Accession:	F6TQW2 (I97-S330)
Gene ID:	/
Molecular Weight:	30-40 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4. Normally 8% trehalose is added as protectant before lyophilization.
Endotoxin Level	<1 EU/ μg , determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 $\mu\text{g}/\text{mL}$ in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Antibodies protect pathogens and diseased tissues from invasion through several different mechanisms, including neutralization, antibody-dependent cell-mediated cytotoxicity (ADCC), complement-mediated cytotoxicity, phagocytosis, and phagocytosis. The mouse strains expressed three IgG2 subclasses: IgG2a, 2b and 2c. Mouse IgG2c Fc ring residues promote stronger receptor-binding affinity than mouse IgG2b or human IgG1 ^[1] .
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Caution: Product has not been fully validated for medical applications. For research use only.

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