

Recombinant Mouse Ighg1 Protein (Pro99-Lys324)

Cat. No. Ighg1-6733M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Ighg1 (Pro99-Lys324) without tag was expressed in mammalian cells.
Species	Mouse
Source	Mammalian Cells
ProteinLength	Pro99-Lys324
Description	Enables antigen binding activity and immunoglobulin receptor binding activity. Acts upstream of or within several processes, including antibody-dependent cellular cytotoxicity; phagocytosis; and positive regulation of immune response. Located in external side of plasma membrane and extracellular space. Part of immunoglobulin complex, circulating. Orthologous to several human genes including IGHG1 (immunoglobulin heavy constant gamma 1 (G1m marker)); IGHG2 (immunoglobulin heavy constant gamma 2 (G2m marker)); and IGHG3 (immunoglobulin heavy constant gamma 3 (G3m marker)).
Form	Lyophilized powder/frozen liquid
Molecular Mass	24.86 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS or lyophilized from PBS.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

GENE INFORMATION

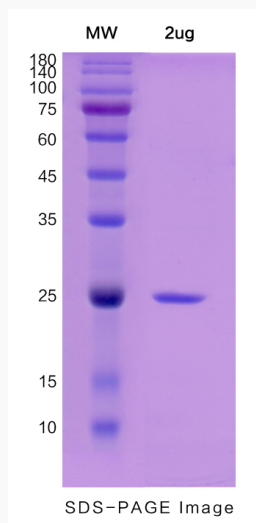
Gene Name	Ighg1 immunoglobulin heavy constant gamma 1 (G1m marker) [Mus musculus (house mouse)]
Official Symbol	Ighg1
Synonyms	Ighg1; immunoglobulin heavy constant gamma 1 (G1m marker); IgG1; Igh-4; VH7183;
Gene ID	16017
UniProt ID	P01868

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SDS-PAGE



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