

Immunoglobulin Heavy Chain Constant Region Gamma 2a Mouse Re-

Item Number	rAP-3482
Synonyms	Ig gamma-2A chain C region, A allele, Immunoglobulin heavy chain gamma polypeptide, Ighg, Igh-1, Igh-1a, 1810060O09Rik.
Description	IgG Mouse Recombinant produced in Hi-5 cells is a single polypeptide chain containing 236 amino acids (98-330 a.a) and having a molecular mass of 26.6kDa. IgG is purified by proprietary chromatographic techniques.
Uniprot Accession Number	P01863
Amino Acid Sequence	ADPEPRGPTI KPCPPCKCPA PNLLGGPSVF IFPPKIKDVL MISLSPIVTC VVVDVSEDDP DVQISWVFVNN VEVHTAQTQT HREDYNSTLR VVSALPIQHQ DWMSGKEFKC KVNNDLPAP IERTISKPKG SVRAPQVYVL PPPEEEMTKK QVTLTCMVTD FMPEDIYVEW TNGKTELNYKNTEPVLDSG GSYFMYSKLR VEKKNWVERN SYSCSVVHEG LHNHHTTKSF SRTPGK.
Source	Hi-5 cells.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	IgG protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0). Greater than 90.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**