

Immunoglobulin J Human Recombinant

Item Number	rAP-3483
Synonyms	IGCJ, JCH, Immunoglobulin J chain, IGJ.
Description	IGJ Human Recombinant produced in E. coli is a single polypeptide chain containing 160 amino acids (23-159) and having a molecular mass of 18kDa. IGJ is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accesion Number	P01591
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSQEDERIV LVDNKCKCAR ITSRIIRSSE DPNE DIVERN IRIIVPLNNR ENISDPTSPL RTRFVYHLSL LCKKCDPTEV ELDNQIVTAT QSNICDEDSA TETCYTYDRN KCYTAVVPLV YGGETK MVET ALTPDACYPD.
Source	E.coli.
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	The IGJ solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT. Greater than 85% 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 end users! This product is sold for **Research Use Only**