9051 Mira Mesa Blvd, #910094
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IGJ Human

Immunoglobulin J Human Recombinant
RCP1117

Product Overview

Name	IGJ Human
Description	
Immunoglobulin J Human Recombinant	
Accession (Primary)	P01591
Synonyms	
IGCJ, JCH, Immunoglobulin J chain, IGJ.	
Introduction	
Immunoglobulin J chain (IGJ) helps to link 2 monomer units of either IgM or IgA and also also helps to bind these immunoglobulins to secretory component. When it comes to IgM, the J chain-joined dimer is a nucleating unit for the IgM pentamer and in the case of IgA it induces larger polymers.	
Source	
E.coli.	
Physical Appearance	
Sterile Filtered colorless solution.	
Formulation	
The IGJ solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.	
Stability	
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.	
Purity	
Greater than 85% as determined by SDS-PAGE.	
Amino acid sequence	
MGSSHHHHHH SSGLVPRGSH MGS QEDERIV LVDNKCKCAR ITSRIIRSSE DPNEDIVERN IRIIVPLNNR ENISDPTSPL RTRFVYHLSD LCKKCDPTEV ELDNQIVTAT QSNICDEDSA TETCYTYDRN KCYTAVVPLV YGGETKMVET ALTPDACYPD.	
Precautions	
IGJ Human is for research use only and not for use in diagnostic or therapeutic procedures.	

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Target Information: (P01591)