

32-4011: IGJ Recombinant Protein

Alternative Name : IGCJ,JCH,Immunoglobulin J chain,IGJ.

Description

Source : E.coli. 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. 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.

Product Info

Amount :	20 µg
Purification :	Greater than 85% as determined by SDS-PAGE.
Content :	The IGJ solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.15M NaCl, 10% glycerol and 1mM DTT.
Storage condition :	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.
Amino Acid :	MGSSHHHHH SSGLVPRGSH MGSQEDERIV LVDNKCKCAR ITSRIIRSSE DPNEDIVERN IRIIVPLNNR ENISDPTSPL RTRFVYHLSL LCKKCDPTEV ELDNQIVTAT QSNICDEDSA TETCYTYDRN KCYTAVVPLV YGGETKMOVET ALTPDACYPD.

