

Recombinant Human IGJ protein(Gln23-Asp159), His-tagged

Cat. No. IGJ-6959H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IGJ (NP_653247.1) (Gln 23-Asp 159) was expressed in E. coli, fused with a polyhistidine tag at the C-terminus and a pelB signal peptide at the N-terminus.
Species	Human
Source	E.coli
ProteinLength	Gln23-Asp159
Form	Lyophilized from sterile PBS, pH 8.0. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.
Molecular Mass	The recombinant human IGJ comprises 147 amino acids and has a predicted molecular mass of 17 kDa. It migrates as an approximately 26 kDa band in SDS-PAGE under reducing conditions.
Purity	> 90 % as determined by SDS-PAGE
Storage	Samples are stable for up to twelve months from date of receipt at -20°C to -80°C. Store it under sterile conditions at -20°C to -80°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

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GENE INFORMATION

Gene Name	IGJ immunoglobulin J polypeptide, linker protein for immunoglobulin alpha and mu polypeptides [Homo sapiens]
Official Symbol	IGJ
Synonyms	IGJ; immunoglobulin J polypeptide, linker protein for immunoglobulin alpha and mu polypeptides; immunoglobulin J chain; IGCJ; IgJ chain; JCH;
Gene ID	3512
mRNA Refseq	NM_144646
Protein Refseq	NP_653247
MIM	147790
UniProt ID	P01591

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