

Recombinant Human IGJ, His-tagged

Cat. No. IGJ-7595H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human IGJ protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	23-159aa
Antigen Description	Immunoglobulin J chain, also known as IGJ, serves to link two monomer units of either IgM or IgA. In the case of IgM, the J chain-joined dimer is a nucleating unit for the IgM pentamer, and in the case of IgA it induces larger polymers. It also helps to bind these immunoglobulins to secretory component.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Molecular Mass	18.0 kDa (160aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSQEDERIV LVDNKCKCAR ITSRIIRSSE DPNEDIVERN IRIIVPLNNR ENISDPTSPL RTRFVYHLSD LCKKCDPTEV ELDNQIVTAT QSNICDEDSA TETCYTYDRN KCYTAVVPLV YGGETKMOVET ALTPDACYPD
Purity	>85% as determined by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	0.5 mg/ml

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
Chromosome Location	4q21
Function	antigen binding;

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