

IGJ recombinant protein

IGJ, 23-159aa, Human, His tag, E Coli

CATALOG # AAA48821	HOST E Coli	APPLICATIONS SDS-Page
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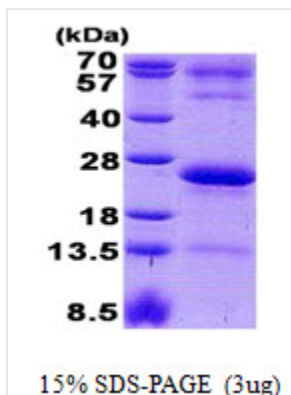
PRODUCT SYNONYMS

IGJ; 23-159aa; Human; His tag; E Coli; Immunoglobulin J chain; IGCJ; JCH; IGJ recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 85% by SDS-PAGE
Form/Format	Liquid. In 20mM Tris-HCl Buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MGSSHHHHH SSGLVPRGSH MGSQEDERIV LVDNKCKCAR ITSRIIRSSE DPNEDIVERN IRIIVPLNNR ENISDPTSPL RTRFVYHLSD LCKKCDPTEV ELDNQIVTAT QSNICDEDSA TETCYTYDRN KCYTAVVPLV YGGETKMMVET ALTPDACYPD
Sequence Length	159
Applicable Applications for IGJ recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for IGJ recombinant protein	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. Recombinant human IGJ protein, fused to His-tag at N-terminus, was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for IGJ recombinant protein	Immunology
References	Liu T., et al. (2005) J. Proteome Res. 4:2070-2080; Ramachandran P., et al. (2006) J. Proteome Res. 5:1493-1503;

NCBI AND UNIPROT INFORMATION

NCBI GI #	21489959
NCBI GeneID	3512
NCBI Accession #	NP_653247
NCBI GenBank Nucleotide #	NM_144646.3
UniProt Accession #	P01591
Molecular Weight	18.0 kDa (160aa) confirmed by MALDI-TOF
NCBI Official Full Name	immunoglobulin J chain
NCBI Official Synonym Full Names	joining chain of multimeric IgA and IgM
NCBI Official Symbol	JCHAIN
NCBI Official Synonym Symbols	IGJ; JCH; IGCJ
NCBI Protein Information	immunoglobulin J chain
UniProt Protein Name	Immunoglobulin J chain
UniProt Gene Name	JCHAIN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/jchain-recombinant-protein-e-coli-sds-page/48821>