

Recombinant Human JCHAIN Protein (23-159 aa), His-MBP-tagged

Cat. No. JCHAIN-2801M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human JCHAIN Protein (23-159 aa) is produced by Baculovirus expression system. This protein is fused with a MBP tag at the N-terminal and a 6xHis tag at the C-terminal. Research Area: Immunology. Protein Description: Full Length of Mature Protein.
Species	Human
Source	Insect Cells
ProteinLength	23-159 aa
Description	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 help to bind these immunoglobulins to secretory component.
Form	Tris-based buffer,50% glycerol
Molecular Mass	59.6 kDa
AA Sequence	QEDERIVLVDNKCKCARITSRIIRSSDPNEDIVERNIRIIVPLNNRENISDPTSPLRTRF VYHLSDLCKKCDPTEVELDNQIVTATQSNICDEDSATETCYTYDRNKCYTAVVPLVY GGETKMOVETALTPDACYPD

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Purity	> 85% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

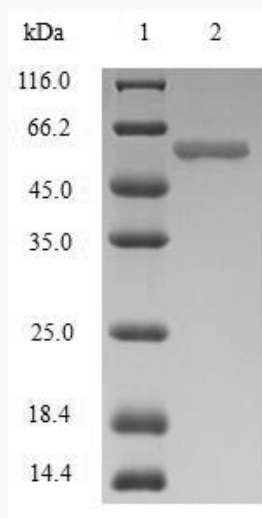
GENE INFORMATION

Gene Name	JCHAIN joining chain of multimeric IgA and IgM [Homo sapiens (human)]
Official Symbol	JCHAIN
Synonyms	JCHAIN; IGJ; JCH; IGCJ;
Gene ID	3512
mRNA Refseq	NM_144646
Protein Refseq	NP_653247
UniProt ID	P01591

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.