

Recombinant Mouse JCHAIN Protein (22-159 aa), His-tagged

Cat. No. JCHAIN-2186M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse JCHAIN Protein (22-159 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Immunology. Protein Description: Full Length of Mature Protein.
Species	Mouse
Source	Yeast
ProteinLength	22-159 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	17.7 kDa
AA Sequence	GDDEATILADNKKMCTRVTSRIIPSTEDPNEDIVERNIRIVVPLNNRENISDPTSPLRR NFVYHLSDVCKKCDPVEVELEDQVVTATQSNICNEDDGVPETCYMYDRNKCYTTMV PLRYHGETKMOVQAALTPDSCYPD
Purity	> 90% as determined by SDS-PAGE.

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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 immunoglobulin joining chain [Mus musculus (house mouse)]
Official Symbol	JCHAIN
Synonyms	Jchain; Igj; Jch; AI323815; 9530090F24Rik;
Gene ID	16069
mRNA Refseq	NM_152839
Protein Refseq	NP_690052
UniProt ID	P01592

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