

Recombinant Mouse Lxn, His-tagged

Cat. No. Lxn-89M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Lxn, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Mouse
Source	E.coli
Description	Lxn also known as Latexin. The Protein is belongs to the protease inhibitor I47 (latexin) family. Its function is hardly reversible, non-competitive, and potent inhibitor of CPA1, CPA2 and CPA4. It may play a role in inflammation.
Form	Liquid. In Phosphate Buffer Saline (pH7.4) containing 30% glycerol, 1mM DTT
Molecular Mass	27.9kDa (245aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEIPPTH YAASRAASVA ENCINYQQGT PHKLFLVQTV QQASKEDIPG RGHKYHLKFS VEEIIQKQVT VNCTAEVLYP QMGQGSAPREV NTFEIGEIGK NPDEEDNTFY QSLMSLKRPL EAQDIPDNFG NVSPQMKPVQ HLAWVACGYV MWQNSTEDTW YKMLKIQTVK QVQRNDDFIE LDYTILLHDI ASQEIPWQM QVLWHPQYGT KVKHNSRLPK EGQAE
Purity	>95% by SDS - PAGE
Storage	Can be stored at +4C short term (1-2 weeks). For long term storage, aliquot and store at -20C or -70C. Avoid repeated freezing and thawing cycles.

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Concentration	1mg/ml (determined by Absorbance at 280nm)
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GENE INFORMATION

Gene Name	Lxn latexin [<i>Mus musculus</i>]
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Official Symbol	Lxn
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Synonyms	LXN; latexin; ECI; TCI; tissue carboxypeptidase inhibitor; endogenous carboxypeptidase inhibitor; MGC144352; MGC144353;
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Gene ID	17035
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mRNA Refseq	NM_016753
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Protein Refseq	NP_058033
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Function	enzyme inhibitor activity; metalloendopeptidase inhibitor activity;
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