

## Recombinant Mouse Lxn, His-tagged

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

### SPECIFICATION

<b>Product Overview</b>	Recombinant mouse Lxn, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>Description</b>	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.
<b>Form</b>	Liquid. In Phosphate Buffer Saline (pH7.4) containing 30% glycerol, 1mM DTT
<b>Molecular Mass</b>	27.9kDa (245aa) confirmed by MALDI-TOF
<b>AA Sequence</b>	MGSSHHHHHH SSGLVPRGSH MGSMEIPPTH YAASRAASVA ENCINYQQGT PHKLFLVQTV QQASKEDIPG RGHKYHLKFS VEEIIQKQVT VNCTAEVLYP QMGQGSAPPEV NFTFEIGEIGK NPDEEDNTFY QSLMSLKRPL EAQDIPDNFG NVSPQMKPVQ HLAWVACGYV MWQNSTEDTW YKMLKIQTVK QVQRNDDFIE LDYTILLHDI ASQEIIPWQM QVLWHPQYGT KVKHNSRLPK EGQAE
<b>Purity</b>	>95% by SDS - PAGE
<b>Storage</b>	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)

## GENE INFORMATION

**Gene Name** Lxn latexin [ *Mus musculus* ]

**Official Symbol** Lxn

**Synonyms** LXN; latexin; ECI; TCI; tissue carboxypeptidase inhibitor; endogenous carboxypeptidase inhibitor; MGC144352; MGC144353;

**Gene ID** 17035

**mRNA Refseq** NM\_016753

**Protein Refseq** NP\_058033

**Function** enzyme inhibitor activity; metalloendopeptidase inhibitor activity;

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