

## Recombinant Mouse Lxn Protein, His-tagged

**Cat. No.** Lxn-7273M    **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>ProteinLength</b>    | 1-222                                                                                                                                                                                                                                                                  |
| <b>Description</b>      | Hardly reversible, non-competitive, and potent inhibitor of CPA1, CPA2 and CPA4. May play a role in inflammation.                                                                                                                                                      |
| <b>Form</b>             | Liquid                                                                                                                                                                                                                                                                 |
| <b>Molecular Mass</b>   | 27.9 kDa                                                                                                                                                                                                                                                               |
| <b>AA Sequence</b>      | MGSSHHHHHSSGLVPRGSHMGSM EIPPTHYAASRAASVAENCINYQQGTPHKLF<br>LVQTVQQASKEDIPGRGHKYHLKFSVEEIIQKQVTVNCTAEVLYPQMGQGSAP EVNF<br>TFEGEIGKNPDEEDNTFYQSLMSLKRPLEAQDIPDNFGNVSPQMKPVQHLAWVACG<br>YVMWQNSTEDTWYKMLKIQTVKQVQRNDDFIELDYTILLHDIASQEIIPWQMQLVWH<br>PQYGTKVKHNSRLPKEGQAE |
| <b>Purity</b>           | > 95 % by SDS-PAGE                                                                                                                                                                                                                                                     |
| <b>Stability</b>        | Shelf life: one year from despatch.                                                                                                                                                                                                                                    |

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|                       |                                                                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Store undiluted at 2-8 centigrade for one week or (in aliquots) at -20 to -80 centigrade for longer. Avoid repeated freezing and thawing. |
| <b>Concentration</b>  | 1.0 mg/mL (determined by absorbance at 280nm)                                                                                             |
| <b>Storage Buffer</b> | Phosphate Buffer Saline (pH 7.4) containing 30 % glycerol, 1 mM DTT.                                                                      |

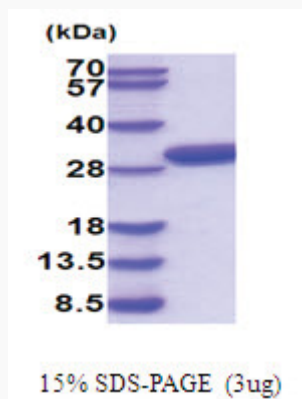
## GENE INFORMATION

|                        |                                                                                                           |
|------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | Lxn latexin [ Mus musculus (house mouse) ]                                                                |
| <b>Official Symbol</b> | Lxn                                                                                                       |
| <b>Synonyms</b>        | Lxn; latexin; latexin; ECI; TCI; endogenous carboxypeptidase inhibitor; tissue carboxypeptidase inhibitor |
| <b>Gene ID</b>         | 17035                                                                                                     |
| <b>mRNA Refseq</b>     | NM_016753                                                                                                 |
| <b>Protein Refseq</b>  | NP_058033                                                                                                 |
| <b>UniProt ID</b>      | P70202                                                                                                    |

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**SDS-PAGE**

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