



**Lxn, 1-222aa, Mouse, His tag, E.coli**

**Cat.NO.: TP02859**

---

3th Edition

**Synonyms:** Latexin , ECI, Endogenous carboxypeptidase inhibitor

**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. Recombinant mouse Lxn, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

**Form:** Liquid. In Phosphate Buffer Saline (pH7.4) containing 30% glycerol, 1mM DTT

**Molecular Weight:** 27.9kDa (245aa) confirmed by MALDI-TOF

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMGSM EIPPTHYAASRAASVAENCINYQQGTPHKLFLVQTVQQASKEDIPGRGHK  
YHLKFSVEEIIQKQVTVNCTAEVLYPQMGGSAPEVNFTFEGEIGKNPDEEDNTFYQSLMSLKRPLEAQDIPDNFGN  
VSPQMKPVQHLAWVACGYVMWQNSTEDTWYKMLKIQTVKVQRNDDFIELDYTILLHDIASQEIIPWQMQLVWHP  
QYGTKVKHNSRLPKEGQAE

**Purity:** > 95% by HPLC

**Concentration:** 1mg/ml (determined by Absorbance at 280nm)

**Endotoxin Level:** <1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.