

Recombinant mouse Latexin protein

Catalog Number: ATGP3109

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-222aa

UniProt No.

P70202

NCBI Accession No.

NP_058033

Alternative Names

Latexin, ECI, Endogenous carboxypeptidase inhibitor

PRODUCT SPECIFICATION

Molecular Weight

27.9 kDa (245aa) confirmed by MALDI-TOF

Concentration

1mg/ml (determined by absorbance at 280nm)

Formulation

Liquid in. Phosphate-Buffered Saline (pH 7.4) containing 30% glycerol, 1mM DTT

Purity

> 95% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

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.

Amino acid Sequence

MGSSHHHHHH SGLVPRGSH MGSMEIPPTH YAASRAASVA ENCINYQQGT PHKLFLVQTV QQASKEDIPG RGHKYHLKFS

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VEEIIQKQVT VNCTAEVLYP QMGQGSAPV NPTFEGEIGK NPDEEDNTFY QSLMSLRPL EAQDIPDNFG NVSPQMKPVQ
HLAWVACGYV MWQNSTEDTW YKMLKIQTVK QVQRNDDFIE LDYTILLHDI ASQEIPWQM QVLWHPQYGT KVKHNSRLPK
EGQAE

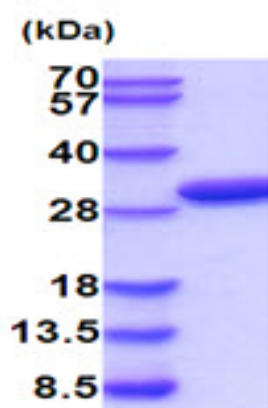
General References

Mitsunaga K., et al. (2012) J. Cell. Physiol. 227 (3), 1138-1147

Kuhlein HN., et al. (2011) PLoS ONE 6 (4), E19270

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.

15% SDS-PAGE (3ug)