
Product Data Sheet

Product Name: LXN Mouse
 Cat. No.: GP23848
 Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Latexin; Endogenous carboxypeptidase inhibitor; ECI; Tissuecarboxypeptidase inhibitor; TCI.		
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMEIPPTH YAASRAASVA ENCINYQQGT PHKLFLVQTV QQASKEDIPGRGHKYHLKFS VEEIIQKQVT VNCTAEVLYP QMGQGSAP EV NTFEIGEIGK NPDEEDNTFY QSLMSLKRPLEAQDIPDNFG NVSPQMKPVQ HLA WVACGYV MWQNSTEDTW YKMLKIQTVK QVQRNDDFIE LDYTILLHDI ASQEIPWQMQLVWHPQYGT KVKHNSRLPK EGQAE.		
Formulation	LXN protein solution (1mg/ml) containing Phosphate BufferSaline (pH7.4), 30% glycerol and 1mM DTT.		

Introduction

Lxn also known as Latexin is a member of the protease inhibitor I47(latexin) family. Lxn's function is hardly reversible, non-competitive, as well as potent inhibitor of CPA1, CPA2 and CPA4. Furthermore, Lxn plays a role in inflammation. Among the diseases associated with LXN are endocervicitis and listeriosis.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

LXN Mouse Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 245 amino acids (1-222 a.a) and having a molecular mass of 27.9kDa.

Caution: Product has not been fully validated for medical applications. For research use only.

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