Datasheet for ABIN935023

Latexin Protein (LXN) (AA 1-222)

1 Image

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Overview

Quantity:	100 µg
Target:	Latexin (LXN)
Protein Characteristics:	AA 1-222
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	SDS-PAGE (SDS)

Product Details

Sequence:	MEIPPTNYPA SRAALVAQNY INYQQGTPHR VFEVQKVKQA SMEDIPGRGH KYRLKFAVEE IIQKQVKVNC TAEVLYPSTG QETAPEVNFT FEGETGKNPD EEDNTFYQRL KSMKEPLEAQ NIPDNFGNVS PEMTLVLHLA WVACGYIIWQ NSTEDTWYKM VKIQTVKQVQ RNDDFIELDY TILLHNIASQ EIIPWQMQVL WHPQYGTKVK HNSRLPKEVQ LE
Characteristics:	Purified recombinant Human Latexin protein Expression System: E.coli Molecular weight on SDS-PAGE will appear higher.
Purity:	> 95 % pure
Endotoxin Level:	< 1.0 EU per µg of protein (determined by LAL method)

Target Details

Target:	Latexin (LXN)

Target Details

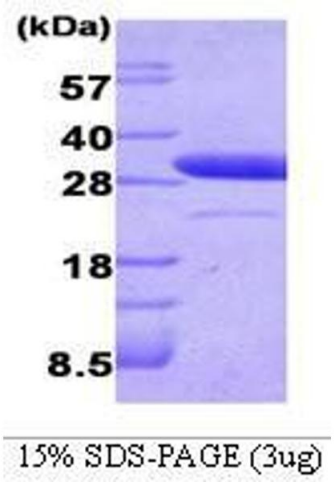
Alternative Name:	Latexin (LXN Products)
Background:	Latexin, a carboxypeptidase A inhibitor, is highly expressed in heart, prostate, ovary, kidney, pancreas, and colon, moderate or low expression occurs in other tissues including brain. Latexin has no detectable sequence similarity with plant and parasite inhibitors, but it is related to a human putative tumor suppressor protein, TIG1. It is down-regulated in the presenilin-1-deficient mouse brain, thus putatively playing a role in Alzheimer's disease. Recombinant human Latexin protein was expressed in E. coli and purified by using conventional chromatography. Alternative Names: Endogenous carboxypeptidase inhibitor protein, ECI protein, TCI protein, Latexin protein, Latexin protein protein, Tissue carboxypeptidase inhibitor., LXN protein, MUM protein
Molecular Weight:	25.7 kDa (222 AA)

Application Details

Application Notes:	Latexin protein has been used in SDS PAGE and may be suitable for use in other assays to be determined by the end user.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Supplied as a liquid in 20 mM Tris-HCl buffer, pH 7.5, containing 50 mM NaCl, and 10 % glycerol.
Handling Advice:	Avoid repeated freeze/thaw cycles.
Storage:	RT/-20 °C
Storage Comment:	Store at 4 °C for short term storage (1/2 weeks). Aliquot and store at -20 °C or - 70 °C for long term storage.



SDS-PAGE

Image 1. Figure annotation denotes ug of protein loaded and % gel used.

