

## Product datasheet for **TP302769M**

### LXN (NM\_020169) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human latexin (LXN), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202769 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)

MEIPPTNYPASRAALVAQNYINYQQGTPHRVFEVQKVKQASMEDIPGRGHKYRLKFAVEEIIQKQVKVNC  
TAEVLYPSTGQETAPEVNFTFEGETGKNPDEEDNTFYQRLKSMKEPLEAQNIPDNFGNVSPEMTLVLHLA  
WVACGYIHWQNSTEDTWYKMKIQTVKQVQRNDDFIELDYTILLHNIASQEIPWQMQLVWHPQYGTKVKV  
HNSRLPKEVQLE

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

Tag:	C-Myc/DDK
Predicted MW:	25.6 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_064554</a>
Locus ID:	56925
UniProt ID:	<a href="#">Q9BS40</a>



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RefSeq Size: 1132

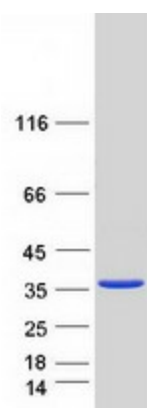
Cytogenetics: 3q25.32

RefSeq ORF: 666

Synonyms: ECI; TCI

**Summary:** This gene encodes the only known protein inhibitor of zinc-dependent metalloproteinases. The encoded protein, latexin, downregulates the population size of hematopoietic stem cells. This protein is found to be downregulated in cancer cells because of promoter hypermethylation. [provided by RefSeq, Jul 2020]

### Product images:



Coomassie blue staining of purified LXN protein (Cat# [TP302769]). The protein was produced from HEK293T cells transfected with LXN cDNA clone (Cat# [RC202769]) using MegaTran 2.0 (Cat# [TT210002]).