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Product datasheet for PH302769

LXN (NM_020169) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	LXN MS Standard C13 and N15-labeled recombinant protein (NP_064554)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202769
Predicted MW:	25.8 kDa
Protein Sequence:	>RC202769 protein sequence Red=Cloning site Green=Tags(s) MEIPPTNYPASRAALVAQNYINYQQGTPHRVFEVQKVKQASMEDIPGRGHKYRLKFAVEEIIQKQVKVNC TAEVLYPSTGQETAPEVNFTFEGETGKNPDEEDNTFYQRLKSMKEPLEAQNIPDNFGNVSPEMTLVLHLA WVACGYIIWQNSTEDTWYKMVKIQTVKQVQRNDDFIELDYTILLHNIASQEIIPWQMQVLWHPQYGTKVK HNSRLPKEVQLE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_064554
RefSeq Size:	1132
RefSeq ORF:	666
Synonyms:	ECI; TCI
Locus ID:	56925
UniProt ID:	Q9BS40

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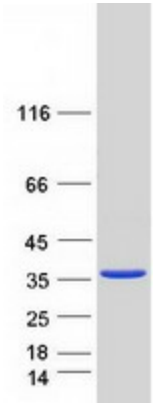
Cytogenetics: 3q25.32

Summary: This gene encodes the only known protein inhibitor of zinc-dependent metallocarboxypeptidases. 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]).