

Active Recombinant Human LXN protein, His-tagged

Cat. No. LXN-794H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Human LXN protein(AAH05346)(Glu2-Glu222) is expressed from E.coli with His tag at the N-Terminus.
Species	Human
Source	E.coli
ProteinLength	2-222 aa
Form	Lyophilized from 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Measured by its ability to inhibit carboxypeptidase A1 cleavage of the colorimetric peptide substrate Ac-Phe-Thiaphe-OH in the presence of 5,5'Dithio-bis (2-nitrobenzoic acid) (DTNB). The IC50 value is < 1 nM.
Molecular Mass	The protein has a predicted MW of 27.16 kDa. The protein migrates to 30-35 kDa based on Bis-Tris PAGE result.
Endotoxin	Less than 1 EU per µg by the LAL method.
Purity	> 95% as determined by Bis-Tris PAGE > 95% as determined by HPLC
Storage	-20 to -80°C for 12 months as supplied from date of receipt. -80°C for 3 months after reconstitution. Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution Dissolve the lyophilized protein in distilled water.

GENE INFORMATION

Gene Name	LXN latexin [Homo sapiens]
Official Symbol	LXN
Synonyms	LXN; latexin; MUM; tissue carboxypeptidase inhibitor; endogenous carboxypeptidase inhibitor; ECI; TCI;
Gene ID	56925
mRNA Refseq	NM_020169
Protein Refseq	NP_064554
MIM	609305
UniProt ID	Q9BS40

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