

Recombinant Rat Layn, His tagged

Cat. No. Layn-49R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Layn (NP_001178926.1) (Met1-Glu224), fused with a polyhistidine tag at the C-terminus, was produced in Human Cells.
Species	Rat
Source	Human Cells
ProteinLength	1-224 a.a.
Predicted N Terminal	His 25
Form	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose and mannitol are added as protectants before lyophilization.
Molecular Mass	The recombinant rat LAYN comprises 211 amino acids and predicts a molecular mass of 24.3 kDa. The apparent molecular mass of the recombinant protein is approximately 34 kDa in SDS-PAGE under reducing conditions due to glycosylation.
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein

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be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name Layn layilin [*Rattus norvegicus*]

Official Symbol Layn

Gene ID 500996

mRNA Refseq NM_001191997

Protein Refseq NP_001178926

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