

Layilin/LAYN Protein, Rat (HEK293)

Cat. No.:	HY-P74779
Synonyms:	Layilin; LAYN; LYAN
Species:	Rat
Source:	HEK293
Accession:	NP_001178926.1 (H25-E224)
Gene ID:	500996
Molecular Weight:	Approximately 34 kDa

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	Layilin (LAYN) is predicted to possess hyaluronic acid binding activity and is anticipated to serve as an integral component of the cellular membrane. This protein, orthologous to human LAYN (layilin), exhibits biased expression in various tissues, including the spleen (RPKM 32.4) and lung (RPKM 17.5), highlighting its potential involvement in diverse cellular processes and physiological contexts.
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Caution: Product has not been fully validated for medical applications. For research use only.

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