Recombinant Human LAYN, His-tagged

Cat. No. LAYN-15890H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human LAYN protein, fused to His tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.
Species	Human
Source	E.coli
ProteinLength	22-235aa
Description	LAYN, also known as Layilin, contains 1 c-type lectin domain. This protein is receptor for hyaluronate and Interacts with NF2, RDX and TLN1. The C-terminal domain interacts with the N-terminal domain of RDX.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT.
Molecular Mass	26.7 kDa (237aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSATGRLLS ASDLDLRGGQ PVCRGGTQRP CYKVIYFHDT SRRLNFEEAK EACRRDGGQL VSIESEDEQK LIEKFIENLL PSDGDFWIGL RRREEKQSNS TACQDLYAWT DGSISQFRNW YVDEPSCGSE VCVVMYHQPS APAGIGGPYM FQWNDDRCNM KNNFICKYSD EKPAVPSREA EGEETELTTP VLPEETQEED AKKTFKESRE AALNLAY
Purity	>85% by SDS - PAGE

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Applications	SDS-PAGE
Storage	Can be stored at 4°C short term. For long term storage, aliquot and store at at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
Concentration	1 mg/ml (determined by Bradford assay)

GENE INFORMATION

Gene Name	LAYN layilin [Homo sapiens]
Official Symbol	LAYN
Synonyms	LAYN; layilin; FLJ30977; FLJ31092;
Gene ID	143903
mRNA Refseq	NM_001258390
Protein Refseq	NP_001245319
UniProt ID	Q6UX15
Chromosome Location	11q23.1
Function	binding; hyaluronic acid binding; sugar binding;

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