

LAYN, 22-235aa, Human, His tag, E.coli

Cat.NO.: TP02784

3th Edition

Synonyms:Layilin isoform 1, Layilin

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. Recombinant human LAYN protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques.

Form:Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 10% glycerol, 1mM DTT.

Molecular Weight:26.7 kDa (237aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSATGRLLSASDLRLRGGQPVCRGGTQRPCYKVIYFHDTSRRLNFEEAKEACR
RDGGQLVSI ESEDEQKLIKFIENLLPSDGFWIGLRRREEKQSNSTACQDLYAWTDGSGISQFRNWWYVDEPSCGSE
VCVVMYHQPSAPAGIGGPYMFQWDDRCNMKNNFICKYSDEKPAVPSREAEGEETELTTPVLPEETQEEDAKKTF
KESREAALNLAY

Purity:> 95% by HPLC

Concentration:1 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.