

Native Laminin subunit alpha-1(LAMA1)

Catalog No.: NTP010003

100µg

Sequence Information

Species: Human

Gene ID:284217

Swiss Prot:P25391

Synonyms:

Residues:Met1-Ser3075

MRGGVLLVLLLCVAAQCRQRGLFPAILNLASNAHISTNATCGEKGPEMFCKLVE
HVPGRPVRNPQCRICDGNSANPRERHPISHAIDGTNNWWQSPSIQNGREYHWVT
ITLDLRQVFQVAYVIIKAANAPRPGNWILERSLDGTTFSWQYYAVSDSECLSR
YNITPRRGPTTYRADDEVICTSYYSRLVPLEHGEIHTSLINGRPSADDLSPKLL
EFTSARYIRLRLQRIRTLNADLMTLSHREPKELDPIVTRYYYSIKDISVGGMC
ICYGHASSCPWDETTKKLQCQCEHNTCGESCNCCPGYHQQPWRPGTVSSGNTC
EACNCHNAKDCYYDESVAQKKSNTAGQFRGGGVCINCLQNTMGINCETCID
GYYPHKVSPYEDEPCRPCNDPVGSLSSVCIKDDLHSDLHNGKQPGQCCKEG
YTGEKCDRCQLGYKDYPTCVSCGCNPVGSASDEPCTGPCVCKENVEGKACDRCK
PGFYNLKEKNPRGCSECFGVS DVCSSLWPVGQVNSMSGWLVTDLISPRKIP
SQQDALGGRHQVSINNTAVMQRLAPKYWAAP EAYLGNKLTAFGGFLKYTVSYD
IPVETVDSNLMSHADVIIKGNGLT LSTQAEGLSLQPYEEYLN VVRLVPENFQDF
HSKRQIDRDQLMTVLANVTHLLIRANYNSAKMALYRLESVSLDIASSNAIDL VV
AADVEHCECPQGYTGTSCESCLSGYYRVDGILFGGICQPCECHGHAAECNVHGV
CIACAHNTTG VHCEQCLPGFYGEPSRGTPGDCQPCACPLTIASNNFSPTCHLND
GDEVCDWCAPGYS GAWCERCADGYYGNPTVPGESCVPDCSGNVD PSEAGHCD
SVTGECLKCLGNTDGAHCERCADGFYGDAVTAKNCRACECHVKGSHSAVCHLET
GLCDCKPNVTGQQCDQLHGYGLDSGHGCRPCNCSVAGSVSDGCTDEGQCHCV
PGVAGKRCDRCAHGFYAYQDGSCTPCDCPHTQNTCDPETGECVCPHTQGVKCE
ECEDGHWGYDAEVCQACNCSLVGSTHHRCDVVTGHCQCKSKFGGRACDQCSLG
YRDFPDCVPCDCLRGTSGDACNLEQGLCGCVEETGACPCKENVFGPQCNECRE
GTFALRADNPLGSCPCFCSGLSHLCELEDYVRTPVTLGSDQPLLRVVSQSNLR
GTTEGVYYQAPDFLLDAATVRQH IRAEPFYWRLPQQFQGDQLMAYGGK LKYSVA
FYSLDGVGTSNFEPQVLIKGGRIKQVIYMDAPAPENGVRQE QEVAMRENFWKY
FNSVSEKPVTR EDFMSVLSDIEYILIKASYGQLQQSRI SDISMEVGRKA EKLH
PEEEVASLLENCVCPPGTVGFSCQDCAPGYHRGKLPA GSDRGRPLVAPCVPCS

CNNHSDTCDPNTGKCLNCGDNTAGDHCDVCTSGYYGKVTGSASDCALCACPHSP
PASFSPTCVLEGDHDFRCDACLLGYEGKHCERCSSSYGNPQTPGGSCQKCDCN
PHGSVHGCDCRTSGQCVCRLGASGLRCDECEPRHILMETDCVSCDDECVGVLN
DLDEIGDAVLSLNLGTIIPVPYGILSNLENTTKYLQESLLKENMQKDLGKIKLE
GVAEETDNLQKKLTRMLASTQKVNATERIFKESQDLAIAIERLQMSITEIMEK
TTLNQTLDEDLFLPNSTLQNMQQNGTSLLEIMQIRDFTQLHQNATLELKAAEDL
LSQIQENYQKPLEELEVLEKEAASHVLSKHNNELKAAEALVREAEAKMQESNHLL
LMVNANLREFSDKKLHVQEEQNLTSELIVQGRGLIDAAAQTDVQDALEHLED
HQDKLLLWSAKIRHHIDDLVMHMSQRNAVLDVYRAEDHAAEFQRLADVLYSGLE
NIRNVSLNATSAAVYHYNIQSLIEESEELARDAHRTVTETSLSESLSVNGKAA
VQRSSRFLKEGNNLSRKLPGIALELSELRNKTNRFQENAVEITRQTNESLLILR
AIPKGIRDKGAKTELATSASQSAVSTLRDVAGLSQELLNTSASLSRVNTTLRE
THQLLQDSTMATLLAGRKVKDVEIQANLLFDRLKPLKMLEENLSRNLSEIKLLI
SQARKQAASIKVAVSADRDCIRAYQPQISSTNYNTLTINVKTQEPDNLLFYLG
STASDFLAVEMRRGRVAFWDLGSGSTRLEFPDFPIDDNRWHSIHVARFGNIGS
LSVKEMSSNQKSPTKTSKSPGTANVLDVNNSTLMFVGGLGGQIKKSPAVKVTHF
KGCLGEAFNGKSIGLWNYIEREGKCRGCFGSSQNEPDSFHFDDGSGYSVVEKSL
PATVTQIIMLFNTFSPNGLLLYLGSYGTDKFLSIELFRGRVKVMTDLGSGPITL
LTDRRYNNGTWYKIAFQRNRKQGVLAVIDAYNTSNKETKQGETPGASSDLNRDL
KDPIYVGGLP RSRVVRGVTTKSFVGCINKLEISRSTFDLLRNSYGVKGCLE
PIRSVSFLKGGYIELPPKLSPESEWLVTATTNSSGIIAALGGDVEKRGDRE
EAHVPFFSVMLIGGNIIEVHVNPGDGTGLRKALLHAPTGTCSQGQAHSISLVRNR
RIITVQLDENNPVEMKLGTLVESRTINVSPLYVGGIPEGEGTSLLTMRRSFHGC
IKNLIFNLELDFNSAVGHEQVDLDTCLWLSERPCLAPDAEDSKLLPEPRAFPEQ
CVVDAALEYVPGAHQFGLTQNSHFILPFNQSAVRKKLSVELSIRTFASSGLIYY
MAHQNQADYAVLQLHGGRLHFMDLGKGRTKVSHPALSDGKWHTVKTDYVKRK
GFITVDGRES PMTVVGDTMLDVEGLFYLGGLPSQYQARKIGNITHSIPACIG
DVTVNSKQLDKDSPVSAFTVNRCYAVAQEGTYFDGSGYAALVKEGYKVQSDVNI
TLEFRTSSQNGVLLGISTAKVDAIGLELVDGKVL FHVNNAGRITAAYEPKTAT
VLC DGKWH TLQANKSKHRITLIVDGNVGAESPHTQSTSVDTNNPIYVGGYPAG
VKQKCLRSQTSFRGCLRLALIKSPQVQSFDFSRAFELHGVFLHSCPGTES

Product Information



Source: Natural Extract.

Host: Human

Subcellular Location: Secreted.

Purity: >95%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.

Original Concentration: 200µg/mL

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

(May be suitable for use in other assays to be determined by the end user.)

Predicted isoelectric point: 6.3

Predicted Molecular Mass: 337kDa

Accurate Molecular Mass: 337kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.