

32-4121: Recombinant Human LIM Homeobox Transcription Factor 1, Beta

Alternative Name : LIM homeobox transcription factor 1,beta,LMX1.2,NPS1,LIM/homeobox protein 1.2,LIM/homeobox protein LMX1B,LMX1B.

Description

Source : Escherichia Coli. LMX1B Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 418 amino acids (1-395a.a) and having a molecular mass of 46.5kDa. LMX1B is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. LIM Homeobox Transcription Factor 1, Beta (LMX1B) is a part of LIM-homeodomain family of proteins which consists of 2 N-terminal zinc-binding LIM domains, 1 homeodomain, and a C-terminal glutamine-rich domain. LMX1B plays a role as a transcription factor and is necessary for the specification of dorsal limb fate at the zeugopodal and autopodal levels. Mutations in LMX1B are associated with nailpatella syndrome.

Product Info

Amount : 20 µg
Purification : Greater than 80.0% as determined by SDS-PAGE.
Content : LMX1B protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 10% glycerol and 0.4M Urea.
Storage condition : Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Amino Acid : MGSSHHHHHH SSGLVPRGSH MGSMDIATGP ESLERCFPRG QTDCAKMLDG IKMEEHALRP
GPATLGVLLG SDCPHPAVCE GCQRPISDRF LMRVNESSWH EECLQCAACQ QALTTCYFR DRKLYCKQDY
QQLFAAKCSG CMEKIAPTEF VMRALECVYH LGCFCCCVCE RQLRKGDEFV LKEGQLLCKG DYEKEKDLS
SVSPDES SV KSEDEDGDMK PAKGQGSQSK GSGDDGKDPR RPKRPRTILT TQRRRAFKAS
FEVSKPCRK VRETLAAETG LSVRVVQVWF QNQRKMKKL ARRHQQQEQ QNSQRLGQEV
LSSRMGMMA SYTPLAPPQQ QIVAMEQSPY GSSDPFQQGL TPPQMPPGNDIS IFHDIDS DTS LTSLSDCFLG
SSDVGSLQAR VGNPIDRLYS MQSSYFAS.