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LMX1B, 1-395aa, Human, His tag, E.coli

产品货号: TP02839

第三版

别名:LIM homeobox transcription factor 1-beta isoform 1, LIM homeobox transcription factor 1 beta, LMX1.2, NPS1

描述:LMX1B is a member of LIM-homeodomain family of proteins containing two N-terminal zinc-binding LIM domains, 1 homeodomain, and a C-terminal glutamine-rich domain. It functions as a transcription factor, and is essential for the normal development of dorsal limb structures, the glomerular basement membrane, the anterior segment of the eye, and dopaminergic and serotonergic neurons. Mutations in this gene are associated with nail-patella syndrome. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Recombinant human LMX1B protein, fused to His-tag at N-terminus, was expressed in E.coli .

配方:liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 10% glycerol, 0.4M Urea

分子量:46.5 kDa (418 aa)

序列:

MGSSHHHHHSSGLVPRGSHMGSM DIATGPESLERCFFPRGQTDCAKMLDGIKMEEHALRPGPATLGVLLGSDCPHPAV
CEGCQRPI SDRFLMRVNESSWHEECLQCAACQQALTTSCYFRDRKLYCKQDYQQLFAAKCSGCM EK IAPTEFVMRALEC
VYHLGCFCCCVCERQLRKGDEFVLKEGQLLCKGDYEKEKDLLSSVSPDES SVKSEDEDGDMKPAKGQGSQSKGSGDDG
KDRRPKRPR TILTTQRRAFKASFEVSSKPCRKVRET LA AETGLSVRVVQVWFQNRQAKMKKLARRHQQQEQQNSQ
RLGQEVLS SRMEGM MASYTPLAPPQQQIVAMEQSPYGS SDPFQQGLTPPQMPGNDSIFHDIDSDTSLTSLSDCFLGSSDVGS
LQARVGNPIDRLYSMQSSYFAS

纯度:> 95% by HPLC

浓度:1.0 mg/ml (determined by Bradford assay)

内毒素:<1.0 EU per 1 ug of protein (determined by LAL method)

存储: +4 ° C 保存 (1-2 周). 长期保存在 -20 ° C 或者 -70 ° C. 避免反复冻融.