

32-3990: HOXB13 Recombinant Protein

Alternative Name : Homeobox B13, Homeobox Protein Hox-B13, PSGD.

Description

Source : Escherichia Coli. HOXB13 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 307 amino acids (1-284 a.a) and having a molecular mass of 33.1kDa. HOXB13 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. HOXB13 is a transcription factor and a member of the homeobox gene family which are extremely conserved in vertebrates and vital for vertebrate embryonic development. HOXB13 is involved in fetal skin development and cutaneous regeneration. In mice, a similar gene displayed temporal and spatial colinearity in the main body axis of the embryo, however it was not expressed in the secondary axes, implying that it has a roles in body patterning along the axis.

Product Info

Amount :	20 µg
Purification :	"Greater than 85.0% as determined by SDS-PAGE."
Content :	HOXB13 protein solution (0.5mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 0.4M Urea and 10% glycerol.
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). Please avoid freeze thaw cycles.
Amino Acid :	MGSSHHHHHH SGLVPRGSH MGSMEPGNYA TLDGAKDIEG LLGAGGGRNL VAHSPLTSHP AAPTLMPAVN YAPLDLPGSA EPPKQCHPCP GVPQGTSPAP VPYGYFGGGY YSCRVSRSLL KPCAQAATLA AYP AETPTAG EEYPSRPTEF AFYPGYPGTY QPMASYLDVS VVQTLGAPGE PRHDSLLPVD SYQSWALAGG WNSQMCCQGE QNPPGPFWKA AFADSSGQHP PDACAFRRGR KKRIPYSKGQ LRELEREYAA NKFITKDKRR KISAATSLSE RQITIWFQNR RVKEKKVLAK VKNSATP

