

HES7, 1-230 aa, Human, His tag, E.coli

Cat.NO.: TP02437

3th Edition

Synonyms:Transcription factor HES-7, Hairy and enhancer of split 7; bHLHb37; SCDO4

Description:HES7 is a member of the hairy and enhancer of split family of bHLH transcription factors. The mouse ortholog of this gene is regulated by Notch signaling. The protein functions as a transcriptional repressor, and is implicated in correct patterning of the axial skeleton. A mutation in this gene has been shown to result in spondylocostal dysostosis.

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

Molecular Weight:27 kDa (253aa)

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSMVTRDRAENRDGPKMLKPLVEKRRRDRINRSLEELRLLLLERTRDQNLNRP
KLEKAEILEFAVGYLRRERSRVEPPAAAAPGVPRSPVQDAEALASCYLSGFRECLLRLAFAHDASPAARAQLFSALH
GYLRPKPPRPKPDPRPPAPRPSLDPAAPALGPALHQRPPVHQGHPSPRCAWSPSLCSPRAGDSGAPAPLTGLL
PPPPPPHRQDGAPKAPLPPPPAFWRPWP

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.