

Product datasheet for TP761871

HES7 (NM_032580) Human Recombinant Protein

Product data:

Product Type: Recombinant Proteins Description: Purified recombinant protein of Human hairy and enhancer of split 7 (Drosophila) (HES7), transcript variant 2, full length, with N-terminal GST and C-terminal His tag, expressed in E. coli, 50ug Species: Human **Expression Host:** F. coli **Expression cDNA Clone** A DNA sequence encoding human full-length HES7 or AA Sequence: Tag: N-GST and C-His Predicted MW: 52.7 kDa **Concentration:** >0.05 µg/µL as determined by microplate BCA method > 80% as determined by SDS-PAGE and Coomassie blue staining **Purity: Buffer:** 50 mM Tris-HCl, pH 8.0, 8 M urea Note: For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process. Store at -80°C. Storage: Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles. NP 115969 RefSeq: 84667 Locus ID: UniProt ID: F8VPC9, Q9BYE0 **RefSeq Size:** 678 Cytogenetics: 17p13.1 **RefSeq ORF:** 675 Synonyms: bHLHb37; SCDO4



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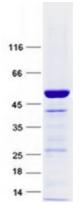
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Summary:This gene encodes a member of the hairy and enhancer of split family of bHLH transcription
factors. The mouse ortholog of this gene is regulated by Notch signaling. The protein
functions as a transcriptional repressor, and is implicated in correct patterning of the axial
skeleton. A mutation in this gene has been shown to result in spondylocostal dysostosis.
Multiple transcript variants encoding different isoforms have been found for this gene.
[provided by RefSeq, Sep 2009]

Product images:



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