

Hairy and Enhancer of Split 7 Human Recombinant

Item Number	rAP-3364
Synonyms	Hairy and enhancer of split 7, bHLHb37, SCDO4, Transcription factor HES-7, HES7, hHes7, Class B basic helix-loop-helix protein 37, bHLH factor Hes7.
Description	HES7 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 253 amino acids (1-230) and having a molecular mass of 27kDa. HES7 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	Q9BYE0
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MGSMVTRDRA ENRDGPKMLK PLVEKRRRDR INRSLEELRL LLLER- TRDQN LRNPKLEKAE ILEFAVGYL RSRVEPPAA AAPGVPRSPV QDAEALASCY LSGFRECLLR LAAFAHDASP AARAQLFSAL HGYL RPKPPR PKPVDPRPPA PRPSLDPAAP ALGPALHQR P VHQGHP- SPR CAWSPSLCSP RAGDSGAPAP LTGLLPPPPP PHRQDGAPKA PLPPPPAFWR PWP.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The HES7 solution (1mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Greater than 85% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**