

Product datasheet for **AR50662PU-N**

HES7 (1-230, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	HES7 (1-230, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSMVTRDRA ENRDGPKMLK PLVEKRRRDR INRSLEELRL LLLERTRDQN LRNPKLEKAE ILEFAVGYL RSRVEPPAA AAPGVPRSPV QDAEALASCY LSGFRECLLR LAAFAHDASP AARAQLFSAL HGYL RPKPPR PKPVDPRPPA PRPSLDPAAP ALGPLHQRP PVHQGHPSPR CAWSPSLCSP RAGDSGAPAP LTGLLP PPP PHRQDGAPKA PLPPPPAFWR PWP
Tag:	His-tag
Predicted MW:	27 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M Urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human HES7 protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_001159439
Locus ID:	84667
UniProt ID:	F8VPC9 , Q9BYE0
Cytogenetics:	17p13.1
Synonyms:	bHLHb37; SCDO4



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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: