

Product datasheet for **TP303205M**

HES6 (NM_018645) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hairy and enhancer of split 6 (Drosophila) (HES6), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203205 protein sequence Red =Cloning site Green =Tags(s)
	<p>MAPPAAPGRDRVGREDEDGWETRGRDRKARKPLVEKKRRARINESLQELRLLLAGAEVQAKLENAEVLELT VRRVQGVLRGRAREREQLQAEASERFAAGYIQCMHEVHTFVSTCQAIDATVAAELLNHLLESMPREGSS FQDLLGDALAGPPRAPGRSGWPAGGAPGSPPIPPGPGDDLCSDL EEAPEAELSQAPAEGPDLVPAALGS LTTAQIARSVWRPW</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
Tag:	C-Myc/DDK
Predicted MW:	23.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_061115</u>
Locus ID:	55502



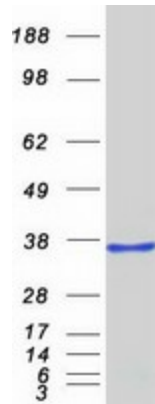
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UniProt ID: [Q96HZ4](#)
RefSeq Size: 1470
Cytogenetics: 2q37.3
RefSeq ORF: 672
Synonyms: bHLHb41; bHLHc23; C-HAIRY1; HES-6

Summary: This gene encodes a member of a subfamily of basic helix-loop-helix transcription repressors that have homology to the Drosophila enhancer of split genes. Members of this gene family regulate cell differentiation in numerous cell types. The protein encoded by this gene functions as a cofactor, interacting with other transcription factors through a tetrapeptide domain in its C-terminus. Alternatively spliced transcript variants encoding different isoforms have been described.[provided by RefSeq, Dec 2008]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified HES6 protein (Cat# [TP303205]). The protein was produced from HEK293T cells transfected with HES6 cDNA clone (Cat# [RC203205]) using MegaTran 2.0 (Cat# [TT210002]).