

Product datasheet for TP315311

HES5 (NM_001010926) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human hairy and enhancer of split 5 (Drosophila) (HES5), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215311 representing NM_001010926 Red =Cloning site Green =Tags(s) MAPSTVAVELLSPKEKNRLRKPVVEKMRRDRINSSIEQLKLLLEQEFARHQPNSKLEKADILEMAVSYLK HSKAFVAAAGPKSLHQDYSEGYSWCLQEAVQFLTLHAASDTQMKLLYHFQRPAAAPAAKEPKAPGAAP PPALSAKATAAAAAAHQPACGLWRPW TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	18 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_001010926</u>
Locus ID:	388585
UniProt ID:	<u>Q5TA89</u>
RefSeq Size:	1306



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Cytogenetics: 1p36.32

RefSeq ORF: 498

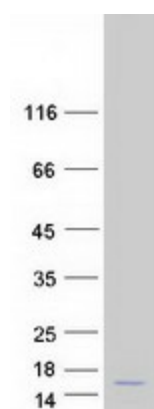
Synonyms: bHLHb38

Summary: This gene encodes a member of a family of basic helix-loop-helix transcriptional repressors. The protein product of this gene, which is activated downstream of the Notch pathway, regulates cell differentiation in multiple tissues. Disruptions in the normal expression of this gene have been associated with developmental diseases and cancer. [provided by RefSeq, Dec 2008]

Protein Families: Druggable Genome, ES Cell Differentiation/IPS

Protein Pathways: Notch signaling pathway

Product images:



Coomassie blue staining of purified HES5 protein (Cat# TP315311). The protein was produced from HEK293T cells transfected with HES5 cDNA clone (Cat# [RC215311]) using MegaTran 2.0 (Cat# [TT210002]).