

Product datasheet for PH315311

HES5 (NM_001010926) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HES5 MS Standard C13 and N15-labeled recombinant protein (NP_001010926)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC215311
Predicted MW:	18 kDa
Protein Sequence:	>RC215311 representing NM_001010926 Red =Cloning site Green =Tags(s) MAPSTVAVELLSPKEKNRLRKPVVEKMRRDRINSSIEQLKLLLEQEFARHQPNKLEKADILEMAVSYLK HSKAFVAAAGPKSLHQDYSEGYSWCLQEAVQFLT LHAASDTQMKLLYHFQRPPAAPAAPEKPKAPGAAP PPALSAKATAAAAAAHQPACGLWRPW TR TRPLEQKLI SEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001010926
RefSeq Size:	1306
RefSeq ORF:	498
Synonyms:	bHLHb38
Locus ID:	388585
UniProt ID:	Q5TA89



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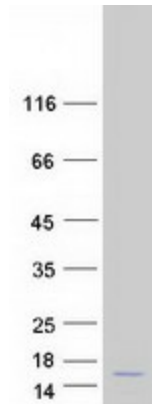
Cytogenetics: 1p36.32

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]).