

## Product datasheet for PH327268

### HES4 (NM\_001142467) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	HES4 MS Standard C13 and N15-labeled recombinant protein (NP_001135939)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC227268
Predicted MW:	25.9 kDa
Protein Sequence:	>RC227268 representing NM_001142467 Red=Cloning site Green=Tags(s)  MAADTPGKPSASPMAGAPASASRTPDKPRSAAEHRKVGSRPGVIRGATGGREGRTQPVPDPQSSKPVMEK RRRARINESLAQLKTLILDALRKESRHSKLEKADILEMTVRHLRSLRRVQVTAALSADPAVLGKYRAGF HECLAEVNRFAGCEGVPADVRSRLLGHLAACLRQLGPSRRPASLSPAAPAEAPAPEVYAGRPLLSLGG PFPLLAPLLPGLTRALPAAPRAGPQGPGGPPWRPWL  TRTRPLEQKLI 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- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>4</sub> ]-L-Arginine and [U- <sup>13</sup> C <sub>6</sub> , <sup>15</sup> N <sub>2</sub> ]-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:	<a href="#">NP_001135939</a>
RefSeq ORF:	741
Synonyms:	bHLHb42
Locus ID:	57801
UniProt ID:	<a href="#">Q9HCC6</a> , <a href="#">E9PB28</a>
Cytogenetics:	1p36.33

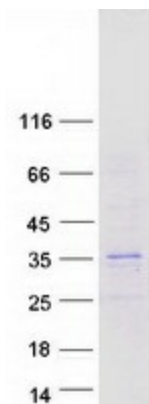


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**Summary:** Transcriptional repressor. Binds DNA on N-box motifs: 5'-CACNAG-3' (By similarity). [UniProtKB/Swiss-Prot Function]

**Protein Families:** Druggable Genome, Transcription Factors

**Product images:**



Coomassie blue staining of purified HES4 protein (Cat# [TP327268]). The protein was produced from HEK293T cells transfected with HES4 cDNA clone (Cat# [RC227268]) using MegaTran 2.0 (Cat# [TT210002]).