

Product datasheet for PH303205

HES6 (NM_018645) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	HES6 MS Standard C13 and N15-labeled recombinant protein (NP_061115)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203205
Predicted MW:	24.1 kDa
Protein Sequence:	>RC203205 protein sequence Red=Cloning site Green=Tags(s) MAPPAAPGRDRVGREDEDGWETRGRKARKPLVEKRRRINESLQELRLLLAGAEVQAKLENAEVLELT VRRVQGVLRGRAREREQLQAEASERFAAGYIQCMEVHTFVSTCQAIDATVAAELLNHLLSMPREGSS FQDLLGDALAGPPRAPGRSGWPAGGAPGSPISPPGPGDDLCSDL EEAPEAELSQA PAEGPDLVPAALGS LTTAQIARSVWRPW 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- 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_061115
RefSeq Size:	1470
RefSeq ORF:	672
Synonyms:	bHLHb41; bHLHc23; C-HAIRY1; HES-6
Locus ID:	55502
UniProt ID:	Q96HZ4



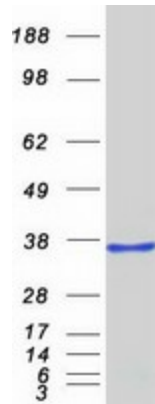
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Cytogenetics: 2q37.3

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]).