

## Product datasheet for PH304552

### HEXIM2 (NM\_144608) Human Mass Spec Standard

#### Product data:

Product Type:	Mass Spec Standards
Description:	HEXIM2 MS Standard C13 and N15-labeled recombinant protein (NP_653209)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC204552
Predicted MW:	32.4 kDa
Protein Sequence:	>RC204552 protein sequence Red=Cloning site Green=Tags(s)

MMATPNQTACNAESPVALEEAKTSGAPGSPQTPPERHDSGGSLPLTPRMESHSEDEDLGAVGGLGWNSR  
SPRTQSPGGCSAEAVLARKKHRRRPSKRKRHRWPYLELSWAEEKQQRDERQSQRASRVREEMFAKGQPVAP  
YNTTQFLMNRDPPEPNLDVPHGISHPGSSGESEAGDSGRGRAHGEFQRKDFSETYERFHTESLQGRSK  
QELVRDYLELEKRLSQAEETRRLQQLQACTGQQSCRQVEELAAEVQRLRTENQRLRQENQMWNREGCRC  
DEEPT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

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:	<u><a href="#">NP_653209</a></u>
RefSeq Size:	1330
RefSeq ORF:	858
Synonyms:	L3
Locus ID:	124790



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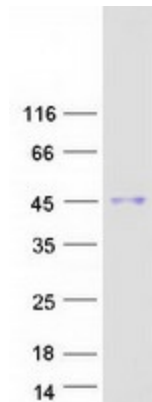
UniProt ID: [Q96MH2](#)

Cytogenetics: 17q21.31

**Summary:** This gene encodes a member of the HEXIM family of proteins. This protein is a component of the 7SK small nuclear ribonucleoprotein. This protein has been found to negatively regulate the kinase activity of the cyclin-dependent kinase P-TEFb, which phosphorylates multiple target proteins to promote transcriptional elongation. This gene is located approximately 7 kb downstream from related family member HEXIM1 on chromosome 17. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2015]

**Protein Families:** Transcription Factors

### Product images:



Coomassie blue staining of purified HEXIM2 protein (Cat# [TP304552]). The protein was produced from HEK293T cells transfected with HEXIM2 cDNA clone (Cat# [RC204552]) using MegaTran 2.0 (Cat# [TT210002]).