

# Recombinant Human HEXIM2 Protein, Myc/DDK-tagged, C13 and N15-labeled

**Cat. No.** HEXIM2-2599H    **Lot. No.** (See product label)

## SPECIFICATION

### Product Overview

HEXIM2 MS Standard C13 and N15-labeled recombinant protein (NP\_653209) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.

### Species

Human

### Source

HEK293

### Description

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.

### Molecular Mass

32.4 kDa

### AA Sequence

MMATPNQTACNAESPVALEEAKTSGAPGSPQTPPERHDSGGSPLTPRMESHSED  
EDLAGAVGGLGWNSRSPRTQSPGGCSAEAVLARKKHRRRPSKRKRHWRPYLELS  
WAEKQQRDERQSQRASRVREEMFAKGQPVAPYNTTQFLMNRDPEEPNLDVPHG  
ISHPGSSGESEAGDSDGRGRAHGEFQRKDFSETYERFHTESLQGRSKQELVRDYL  
ELEKRLSQAEEETRRLQQLQACTGQQSCRQVEELAAEVQRLRTENQRLRQENQM  
WNREGCRCDEEPTTRTRPQKLISEEDLAANDILDYKDDDDKV

### Purity

> 80% as determined by SDS-PAGE and Coomassie blue staining

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<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

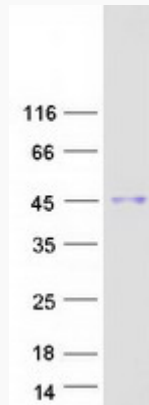
<b>Gene Name</b>	HEXIM2 hexamethylene bis-acetamide inducible 2 [ Homo sapiens (human) ]
<b>Official Symbol</b>	HEXIM2
<b>Synonyms</b>	HEXIM2; hexamethylene bis-acetamide inducible 2; protein HEXIM2; FLJ32384; MAQ1 paralog; hexamethylene bis-acetamide inducible 2; hexamethylene bis-acetamide-inducible protein 2; hexamethylene-bis-acetamide-inducible transcript 2; L3;
<b>Gene ID</b>	124790
<b>mRNA Refseq</b>	NM_144608
<b>Protein Refseq</b>	NP_653209
<b>MIM</b>	615695
<b>UniProt ID</b>	Q96MH2

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**SDS-PAGE**



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