

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 WAEKQQRDERQSQRASRVREEMFAKGQPVAPYNTTQFLMNDRDPEEPNLDVPHG ISHPGSSGESEAGDSDGRGRAHGEFQRKDFSETYERFHTESLQGRSKQELVRDYL ELEKRLSQAEEETRRLQQLQACTGQQSCRQVEELAAEVQRLRTENQRLRQENQM WNREGCRCDEEPGTTTRPPLQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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

GENE INFORMATION

Gene Name	HEXIM2 hexamethylene bis-acetamide inducible 2 [Homo sapiens (human)]
Official Symbol	HEXIM2
Synonyms	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;
Gene ID	124790
mRNA Refseq	NM_144608
Protein Refseq	NP_653209
MIM	615695
UniProt ID	Q96MH2

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