

## Recombinant Human HEXIM2 Protein, GST-tagged

Cat. No. HEXIM2-4714H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Human HEXIM2 full-length ORF ( NP_653209.1, 1 a.a. - 286 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	Wheat Germ
<b>Description</b>	<p>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]</p>
<b>Molecular Mass</b>	58.8 kDa
<b>AA Sequence</b>	<pre>MMATPNQTACNAESPVALEEAKTSGAPGSPQTPPERHDSGGSLPLTPRMESHSED EDLAGAVGGLGWNSRSPRTQSPGGCSAEAVLARKKHRRRPSKRKRHWRPYLELS WAEKQQRDERQSQRASRVREEMFAKGQPVAPYNTTQFLMNRDPEEPNLDVPHG ISHPGSSGESEAGDSDGRGRAHGEFQRKDFSETYERFHTESLQGRSKQELVRDYL ELEKRLSQAEEETRRLQQLQACTGQQSCRQVEELAAEVQLRTENQRLRQENQM WNREGCRCDEEPT</pre>
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

	Western Blot (Recombinant protein) Antibody Production Protein Array
<b>Notes</b>	Best use within three months from the date of receipt of this protein.
<b>Storage</b>	Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.
<b>Storage Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

## GENE INFORMATION

<b>Gene Name</b>	HEXIM2 hexamethylene bis-acetamide inducible 2 [ Homo sapiens ]
<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>UniProt ID</b>	Q96MH2

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