

## Product datasheet for **TP304552L**

### HEXIM2 (NM\_144608) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human hexamethylene bis-acetamide inducible 2 (HEXIM2), 1 mg

**Species:** Human

**Expression Host:** HEK293T

**Expression cDNA Clone or AA Sequence:** >RC204552 protein sequence  
**Red**=Cloning site **Green**=Tags(s)

MMATPNQTACNAESPVALEEAKTSGAPGSPQTPPERHDSGGSLPLTPRMESHSEDEDLGAVGGGLGWNSR  
SPRTQSPGGCSAEAVLARKKHKRRRPSKRKRHWRYLELSWAEEKQQRDERQSQRASRVREEMFAKGQPVAP  
YNTTQFLMNDRDPEEPNLDVPHGISHPGSSGESEAGDSDGRGRAHGEFQRKDFSETYERFHTESLQGRSK  
QELVRDYLELEKRLSQAEETRRLLQQLQACTGQQSCRQVEELAAEVQRLRTENQRLRQENQMWNREGCRC  
DEEPT

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK

**Predicted MW:** 32.2 kDa

**Concentration:** >0.05 µg/µL as determined by microplate BCA method

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

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.

**Storage:** Store at -80°C.

**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** [NP\\_653209](#)

**Locus ID:** 124790



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UniProt ID: [Q96MH2](#)

RefSeq Size: 1330

Cytogenetics: 17q21.31

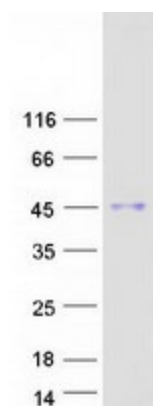
RefSeq ORF: 858

Synonyms: L3

**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]).