

Recombinant Human HEXIM1, His-tagged

Cat. No. HEXIM1-27730TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full-length Human HEXIM1 fused to a 37 amino acid His-Tag and DDDDK-Tag at the N-Terminus, predicted MWt 44.8kDa.
Species	Human
Source	E.coli
ProteinLength	359 amino acids
Description	Expression of this gene is induced by hexamethylene-bis-acetamide in vascular smooth muscle cells. This gene has no introns.
Conjugation	HIS
Molecular Weight	44.800kDa inclusive of tags
Tissue specificity	Ubiquitously expressed with higher expression in placenta. HEXIM1 and HEXIM2 are differentially expressed. Expressed in endocrine tissues.
Form	Liquid
Purity	>90% by SDS-PAGE
Storage buffer	pH: 8.00 Constituents: 0.58% Sodium chloride, 10% Glycerol, 0.32% Tris HCl

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Storage	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Sequences of amino acids	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAE PFLSEYQHQP QTSNCTGAAA VQEELNPERP PGAEERVPEE DSRWQSRAFP QLGGPRPGPEG EGSLESQPPP LQTQACPESS CLREGEKQON GDDSSAGGDF PPPAEVEPTP EAELLAQPCH DSEASKLGAP AAGGEEEWGQ QQRQLGKKKH RRRPSKKKRH WKPYKLTWE EKKKFDEKQS LRASRIRAEM FAKGQPVAPY NTTQFLMDDH DQEEPDLKTG LYSKRAAAKS DDTSDDDFME EGGEEDGGSD GMGGDGSEFL QRDFSETYER YHTESLQNMS KQELIKEYLE LEKCLSRMED ENNRLRLESK RLGGDDARVR ELELELDRLR AENLQLLTEN ELHRQQRAP LSKFGD
Sequence Similarities	Belongs to the HEXIM family.
GENE INFORMATION	
Gene Name	HEXIM1 hexamethylene bis-acetamide inducible 1 [Homo sapiens]
Official Symbol	HEXIM1
Synonyms	HEXIM1; hexamethylene bis-acetamide inducible 1; protein HEXIM1; CLP 1; EDG1; HIS1; MAQ1;
Gene ID	10614
mRNA Refseq	NM_006460
Protein Refseq	NP_006451
MIM	607328

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Uniprot ID	O94992
Chromosome Location	17q21.31
Function	cyclin-dependent protein kinase inhibitor activity; protein binding; snRNA binding;

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