

HEXIM1 recombinant protein

HEXIM1, 1-359aa, Human, His tag, E Coli

CATALOG # AAA11785	HOST E Coli	APPLICATIONS SDS-Page
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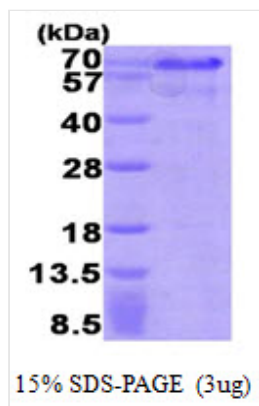
PRODUCT SYNONYMS

HEXIM1; 1-359aa; Human; His tag; E Coli; Hexamethylene bis-acetamide inducible 1; CLP1; EDG1; HIS1; MAQ1; Hexamethylene bis-acetamide inducible 1 Cardiac lineage protein 1; CLP 1; EDG 1; FLJ13562; Hexamethylene bis acetamide inducible 1; Hexamethylene bis acetamide inducible protein; Hexamethylene bis acetamide inducible transcript 1; HEXIM 1; HEXIM1 protein; HIS 1; HMBA inducible; MAQ 1; Menage a quatre 1.; HEXIM1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	> 90% by SDS-PAGE
Form/Format	Liquid. 20mM Tris-HCl Buffer (pH 8.0) containing 10% glycerol 0.1M NaCl
Concentration	0.5 mg/ml (determined by Bradford assay) (varies by lot)
Sequence	MRGSHHHHHH GMASMTGGQQ MGRDLYDDDD KDRWGSHMAE PFLSEYQHQP QTSNCTGAAA VQEELNPERP PGAEERVPEE DSRWQSRAFP QLGGRPGPEG EGSLESQPPP LQTQACPESS CLREGEKGQN GDDSSAGGDF PPPAEVEPTP EAELLAQPCH DSEASKLGAP AAGGEEEWGQ QQRQLGKKKH RRRPSKKKRH WKPYKLTWE EKKKFDEKQS LRASIRAEM FAKGQPVAPY NTTQFLMDDH DQEEPDLKTG LYSKRAAAS DDTSDDDFME EGGEEDGGSD GMGGDGSEFL QRDFSETYER YHTESLQNMS KQELIKEYLE LEKCLSRMED ENNRLRLESK RLGDDARVR ELELEDLRLR AENLQLLTEN ELHRQKERAP LSKFGD
Sequence Length	359
Applicable Applications for HEXIM1 recombinant protein	SDS-PAGE
Antigen Species	Human
Tag Information	His-tag
Preparation and Storage	Can be stored at 4 degree C short term (1-2 weeks). For long term storage, aliquot and store at -20 degree C or -70 degree C. Avoid repeated freezing and thawing cycles.

IMAGES



SDS-PAGE

ADDITIONAL INFORMATION

Related Product Information for HEXIM1 recombinant protein	HEXIM1 is induced by hexamethylene-bis-acetamide in vascular smooth muscle cells. This protein has been shown to form a protein-RNA complex composed of 7SK small nuclear RNA and positive transcription elongation factor b (P-TEFb), which is composed of cyclin-dependent kinase 9 (CDK9) and cyclin T1, and to inhibit the kinase activity of CDK9, thereby suppressing RNA polymerase II-dependent transcriptional elongation. Recombinant HEXIM1 protein was expressed in E Coli and purified by using conventional chromatography techniques.
Product Categories/Family for HEXIM1 recombinant protein	Transcription & Translation
References	Shimizu N., et al. (2005) Proc. Natl. Acad. Sci. u.S.A. 102 (24):8555-60; Li Q., et al. (2007) Nucleic Acids Res 35 (8):2503-12.

NCBI AND UNIPROT INFORMATION

NCBI GI #	5453682
NCBI GeneID	10614
NCBI Accession #	NP_006451
NCBI GenBank Nucleotide #	NM_006460.2
UniProt Accession #	O94992; B2R8Y5
Molecular Weight	44.8 kDa (396aa), confirmed by MALDI-TOF.
NCBI Official Full Name	protein HEXIM1
NCBI Official Synonym Full Names	hexamethylene bisacetamide inducible 1
NCBI Official Symbol	HEXIM1
NCBI Official Synonym Symbols	CLP1; EDG1; HIS1; MAQ1
NCBI Protein Information	protein HEXIM1
UniProt Protein Name	Protein HEXIM1
UniProt Gene Name	HEXIM1
UniProt Synonym Gene Names	CLP1; EDG1; HIS1; MAQ1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/hexim1-recombinant-protein-e-coli-sds-page/11785>