

Product datasheet for MC223071

Hltf (NM_009210) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Hltf (NM_009210) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Hltf
Synonyms:	AF010600; BC057116; P113; Smarca3; Snf2l3
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>MC223071 representing NM_009210 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTCCTATACGTTCCACGAGGGTCTGTTTGAAGTATTCGCAGTCTGCCAGTATGGATCACACGAAA
ATATCCAAGACTTTCATACTCAACTTTCTTGCCACATTTGAATCCAAGACATTATTCCTCCAGATGA
CTTCCTAACGAGTGATGAAGAGCAAGATTTGGTTTTATTTGGAATATGAGAGGACAAGTTGTTGGACTA
CGCTATTACACAGGAGTTGTAATAATAATGAAATGGTTGCTTTACAACGAGAGCCATAAATCCCTATG
ATAAGAATGCTATTAAGTAAATAATGTGAATGGAAATCAGGTTGGCCATATAAAGAGAGAGATTGCAGC
TGCCGTGGCCTATATCATGGACAACAAATTGGCACAAGTGAAGGTGTAGTTCCTTTTGGTGCAAGTAAT
ACTTTTACCATGCCTCTTTATATGACTTTCTGGGAAAAGAAGAAAATAGAAACGTGGTTTTAGAGCAGT
TGAAGAAACATGGATTTAAGTTGGGTCCCACACCAAGACTTTAGGGTCGAGTTTGGAGAACGCATGGGG
CTCTGGAAGAGCTGGACCAAGCTATAGTAGGCCGGCTCATGTGCCAGTACAGATGACAACCTGACCAGCTC
AAAACGGAATTTGACAAATTTTGAAGATTTAAAAGAAGATGATAGAAGTGTGAAATGGAACCAAGCTG
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TCCAGGAAAGGAATACAAGGATGAGACCTAAACGCAGAGGAAGTAATATGGACAAGAAGGAAGATGGA
CACTCAGAGTATCCACGTGTGGTGAAGAACCCAGTATTTAGGAACTCCGGAGAAGAGTAGCTGTACTC
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GAGGACAAGGCAACTGATCATCTGTCCACTCTGTGCTCAGCAACTGGATTGACCAGTTTGGACAA
CATGTAATAATCAGAAGTGCACTTGAATTTTTATGTTTATTATGGTCTGATCGTATTAGAGATTCAGCCT



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GGCTTTCAAACAGGATATTATTTTGA CTACTTACAATATTTTAACTCATGATTATGGA ACTAAAGATGA
TAGTCCATTGCATAGCATCAAGTGGTTAAGGGTGATCCTGGATGAAGGCCATGCCATTGCAAATCCAAAC
GCTCAGCAGACAAAAGCTGTACTTGAGTTAGAGGCAGAAAAGAAGATGGGTATTGACAGGTA CTCTATCC
AGAATCTTTAAAGGACTTGTGGTCTCTTCTGTCTTCTTAAACTTAAGCCATTTATTGATAGAGAGTG
GTGGTATAGGATCATACAGCGTCTGTCACTACAGGAGATGAGGGAGGACTTAGGCGTTTACAGTCTTA
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GGACTCTGTGGAAGAAAATATGTTGAAAATACAGAACACGAAGCGAGACCTTGCAGCTGGAGCCTTTGGC
ACTAAGAAAACAGACGCCAATGACATGAAACAAGCTAAAATCAACGAAATCAGAACTTTAATTGACTTGT
AA

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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_009210

Insert Size:

3012 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

Components:

The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method:

1. Centrifuge at 5,000xg for 5min.
2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.
3. Close the tube and incubate for 10 minutes at room temperature.
4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.
5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.

RefSeq:

[NM_009210.3](#), [NP_033236.2](#)

RefSeq Size:

4956 bp

RefSeq ORF:

3012 bp

Locus ID: 20585

UniProt ID: [Q6PCN7](#)

Cytogenetics: 3 6.15 cM

Gene Summary: Has both helicase and E3 ubiquitin ligase activities. Possesses intrinsic ATP-dependent nucleosome-remodeling activity. This activity may be required for transcriptional activation or repression of specific target promoters (By similarity). These may include the SERPINE1, to which this protein can bind directly. Plays a role in error-free postreplication repair (PRR) of damaged DNA and maintains genomic stability through acting as a ubiquitin ligase for 'Lys-63'-linked polyubiquitination of chromatin-bound PCNA (By similarity).[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) represents the longest transcript and encodes the functional protein.