

## Product datasheet for MR211427

### Hltf (NM\_009210) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Hltf (NM\_009210) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** Hltf  
**Synonyms:** AF010600; BC057116; P113; Smarca3; Snf2l3  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**ORF Nucleotide Sequence:** >MR211427 representing NM\_009210  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTCCTATACGTTACAGGGGTCTGTTTGAAGTATTCGCAGTCTGTCCAGTATGGATCACACGAAA  
 ATATCCAAGACTTTCATACTCAACTTTCTTGCCACATTTGAATCCAAGACATTATTCCTCCAGATGA  
 CTTCTAACGAGTGATGAAGAGCAAGATTTGGTTTTATTTGGAATATGAGAGGACAAGTTGTTGGACTA  
 CGCTATTACACAGGAGTGTAAATAATAATGAAATGGTTGCTTTACAACGAGAGCCTAATAATCCCTATG  
 ATAAGAATGCTATTAAGTAAATAATGTGAATGGAAATCAGGTTGGCCATATAAAGAGAGAGATTGCAGC  
 TGCCGTGGCCTATATCATGGACAACAAATTGGCACAAGTGAAGGTGTAGTTCCTTTTGGTGCAAGTAAT  
 ACTTTTACCATGCCTCTTTATATGACTTTCTGGGAAAAGAAGAAAATAGAAACGTGGTTTTAGAGCAGT  
 TGAAGAAACATGGATTTAAGTTGGGTCCCACACCAAAGACTTTAGGGTCGAGTTTGGAGAACGCATGGGG  
 CTCTGGAAGAGCTGGACCAAGCTATAGTAGGCCGGCTCATGTGGCAGTACAGATGACAACTGACCAGCTC  
 AAAACGGAATTTGACAAATTTTGAAGATTTAAAAGAAGATGATAGAAGTGTGAAATGGAACAGCTG  
 AGGCTATTGAAACACCGTTGCTCCACACCAAAAACAAGCTCTAGCTTGGATGATCGCACGAGAGAACAG  
 TAAAGAAGTACCACCTTCTGGGAACAGCGCAATGACTTATATTATAATAACAATAACAAATTTTTCTGTG  
 AAGGAACGACCGAAAAATGTTTCATGGAGGAATTTAGCGGATGATGGGTTTGGGCAAACTCTTACTG  
 CTATTGCTGTCTTCTTACCAACTTTGATGATGGCAGGCCTCTTCTCAGTAAGAGAGGCAAGAAGATCA  
 TCCAGGAAAGGAATACAAGGATGAGACCATTAACCGCAGAGGAAGTAATATGGACAAGAAGGAAAGATGGA  
 CACTCAGAGTCATCCACGTGTGGTGAAGAACCCAGTATTTAGGAACTCCGGAGAAGAGTAGCTGTACTC  
 TGTGCGAGCTGTCTAGCGTCTGCCCTAAGAGAAGAAAAATTTCTGTACAGTACATTGAAAGTAGTGATTC  
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 CAACACAAAGGAAAAATGTTGAAAAAAGGCATGTCTATGATGGAGTGCTCAGAGGCATGTGACACTGGAGA  
 GAGGACAAGCAACTGATCATCTGTCCACTCTGTGCTCAGCAACTGGATTGACCAGTTTGGACAA



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CATGTA AAATCAGAAGTGCACTGAATTTTTATGTTTATTATGGTCTGATCGTATTAGAGATTCAGCCT  
 GGCTTTCAAACAGGATATTATTTGACTACTTACAATTTTTAACTCATGATTATGGAACATAAGATGA  
 TAGTCCATTGCATAGCATCAAGTGGTAAAGGGTATCCTGGATGAAGGCCATGCCATTGAAATCCAAAC  
 GCTCAGCAGACAAAAGCTGTACTTGAGTTAGAGGCAGAAAAGAAGATGGGTATTGACAGGACTCCTATCC  
 AGAATCTTTAAAGGACTTGTGGTCTCTCTGTCTTCTTAAACTTAAGCCATTTATTGATAGAGAGTG  
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 ACAAGGACCCCAACATAAAAAGTTTAGTTGTTTCTCAGTTTACCACATTTCTGTCTTTAATAGAAACAC  
 CTCTTAAAGCCTCAGGATTTGTGTTTACTCGTTTATAGATGGTTCATGGCTCAAAAGAAAAGATTGAATC  
 AATTACAGCGTTTTCAAACACAGAAGCAGGATCTCCTACGATAATGCTACTGTCTTAAAGCAGGTGGA  
 GTTGGCTTGAATCTCTGCGCAGCTTCTCGAGTGTCTTAATGGATCCCGCTGGAATCCTGCTGCAGAAG  
 ATCAGTGTCTTGACCGGTGCCATCGACTTGGCCAGAAGCAAGAGGTGATCATCAGAAATTCATTGTGAA  
 GGACTCTGTGGAAGAAAATATGTTGAAAATACAGAACCGAAGCGAGACCTTGCAGCTGGAGCCTTTGGC  
 ACTAAGAAAACAGACGCCAATGACATGAAACAAGCTAAAATCAACGAAATCAGAACTTTAATTGACTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGAT AAGGTTTAA

**Protein Sequence:**

>MR211427 representing NM\_009210  
 Red=Cloning site Green=Tags(s)

MSYTFTRGPVWKYSQSVQYQSHENIPRLSYSTFLPHFEFQDIIPPDDFLTSDDEEQLVLFGTMRGQVVGL  
 RYYTGVVNNNEMVALQREPNNPYDKNAIKVNNVNGNQVGHKREIAAAVAYIMDNKLAQVEGVVFPFGASN  
 TFTMPLYMTFWGKEENRNVVLEQLKKGFKLGPTPKTLGSSLENWGSGRAGPSYSRPAHVAVQMTDQL  
 KTEFDKLFEDLKEDDRTVEMEPAEAIETPLLPHQKQALAWMIARENSKELPPFWEQRNDLYNTITNFSV  
 KERPENVHGGILADDMLGKTLTAIAVILTNFDDGRPLL SKRGKKNHPGKEYKDEIKRRGNSMDKEDG  
 HSESTCGEEPSISGTPEKSSCTLSQLSSVCPKRRKISVQYIESDSEEIETSELPQKMGKLNKVLNNT  
 KSRVKGSSKVKEDSKFALTFASATQRKMLKKGMSMECSEACDTGERTRATLIICPLSVLSNWIDQFGQ  
 HVKSEVHLNFYVYYPDRIRDSAWLSKQDIILTTYNILTHDYGTKDDSPHLSIKWLRVILDEGHAI RNPN  
 AQQTKAVLELEAERRWVLGTPIQNSLKDLSLLSFLKLPKPIDREWYRIIQRPVTTGDEGLRRLQSL  
 IKNITLRRTKTSIKGKPVLELPERKVF IQHITLSEEERKIYQSVKNEGAAIGRYFTEGTVLAHYADVL  
 GLLLRLRQICCHTHLLTNGMSSSGSRSDTPEELRKMLIEKMKIILSSGSDEECAICLDSLTFPVITHCA  
 HVFCPCICQVIHSEQPHAKCPLCRNEIHGDNLLECPPEELACDSKESMEWSSSKINALMHALIELR  
 TKDPNIKSLVVSQFTTFLSLIETPLKASGFVFTRLDGSMAQKRVESIQRFQNTAEGSPTIMLLSLKAGG  
 VGLNLCAASRVFLMDPAWNPAEDQCFDRCHRLGQKQEVIIITKFIKDSVEENMLKIQNTKRDLAAGAFG  
 TKKTDANDMKQAKINEIRTLIDL

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mm9035\\_b04.zip](https://cdn.origene.com/chromatograms/mm9035_b04.zip)

**Restriction Sites:**

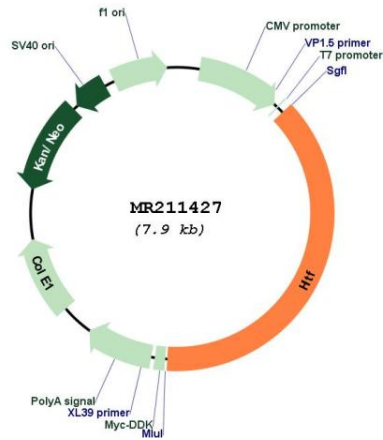
Sgfl-Mlul



**Locus ID:** 20585  
**UniProt ID:** [Q6PCN7](#)  
**Cytogenetics:** 3 6.15 cM  
**MW:** 113.8 kDa

**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]

### Product images:



Circular map for MR211427