

Product datasheet for **MR220681**

Rnf125 (NM_026301) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Rnf125 (NM_026301) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Rnf125
Synonyms: 4930553F04Rik
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR220681 representing NM_026301
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAGTCAGAATACCAGAACTGTGCTGAGTGTGGAACCTGGTTTGCCTCAGTGACATGAGGGCGCACA
TAAGGACCTGTGAGAAGTACATCGATAAATATGGCCCGCTGCTAGAACTGGCGACACCACAGCAAGATG
TGTATGTCCATTTTGTGACGGGAACTGGATGAAGACTGCTTGTGGATCATTGCATTATCCACCACAGA
TCAGAAAGGAGGCCGTGTTCTGTCCACTTGGCATTACGACCTGATGAAAGCCCAAGTACCTTCAATG
GCAGTTTAATTAGACATTTGCAAGTCAGTCACACTTTGTTTTATGATGATTTTCATAGATTTTGATATAAT
TGAGGAAGCCATTATTCGCAGAGTGCTAGACCGCTCACTTCTTGAATATGTGAATCAGTCAAACACCACA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/mm9051_e11.zip

Restriction Sites: Sgfl-Mlul

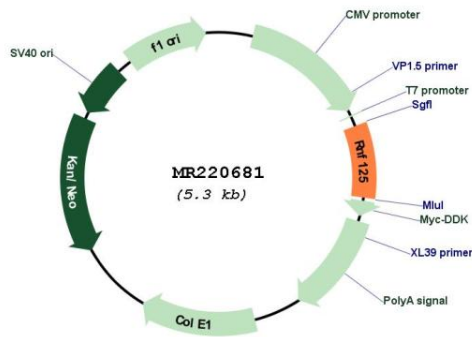


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RefSeq: [NM_026301.3](#)
 RefSeq Size: 1334 bp
 RefSeq ORF: 423 bp
 Locus ID: 67664
 UniProt ID: [Q9D9R0](#)
 Cytogenetics: 18 A2
 MW: 16.8 kDa

Gene Summary: E3 ubiquitin-protein ligase that mediates ubiquitination and subsequent proteasomal degradation of target proteins, such as DDX58/RIG-I, MAVS/IPS1, IFIH1/MDA5, JAK1 and p53/TP53. Acts as a negative regulator of type I interferon production by mediating ubiquitination of DDX58/RIG-I at 'Lys-181', leading to DDX58/RIG-I degradation. Mediates ubiquitination and subsequent degradation of p53/TP53. Mediates ubiquitination and subsequent degradation of JAK1. Acts as a positive regulator of T-cell activation. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR220681