

Product datasheet for MR226046

Elane (NM_015779) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Elane (NM_015779) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Elane
Synonyms: El; Ela2; F430011M15Rik; N; NE
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR226046 representing NM_015779
 Red=Cloning site Blue=ORF Green=Tags(s)

CTATAGGGCGCCGGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCCTTGGCAGACTATCCAGCCGGACTCTGGCTGCCATGCTACTGGCATTGTTCTGGGTGGCCAG
 CACTGGCCTCAGAGATTGTTGGTGGCCGGCCGGCCCGCCCATGCTTGGCCCTCATGGCATCCCTGCA
 GAGGCGTGGAGGTCATTTCTGTGGTGCCACCCTCATTGCCAGGAACCTCGTCATGTCAGCAGCCACTGT
 GTGAACGGCCTAAATTTCCGGTCAGTGCAGGTAGTGTGGGAGCCCATGACCTGCGGCGACAGGAGCGCA
 CTCGACAGACCTTCTGTGCAGCGGATCTTCGAGAATGGCTTTGACCCATCACAACCTGCTGAACGACAT
 TGTGATTATCCAGCTCAATGGCTCCGCTACCATTAAACGCCAACGTGCAGGTGGCCAGCTGCCTGCCAG
 GGCCAGGGCGTGGGTGACAGAACTCCATGTCTGGCCATGGGCTGGGGCAGGTTGGGCACAAACAGACCAT
 CACCCAGTGTGCTACAAGAGCTCAATGTGACAGTGGTACTAACATGTGCCCGCCGTGCTGTAACGATG
 CACTCTGGTGCCACGTCCGCAGGCAGGCATCTGCTTCGGGGACTCTGGCGGACCCCTGGTCTGTAACAAC
 CTTGTCCAAGGCATTGACTCCTTCATCCGAGGAGGCTGTGGATCTGGATTGTACCCAGATGCCTTCGCCC
 CTGTGGCTGAGTTGCAGATTGGATCAATTCCATTATCCGAAGCCATAATGACCACCTTCTACCCATCC
 CAAAGACCGAGAGGGCAGGACCAAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

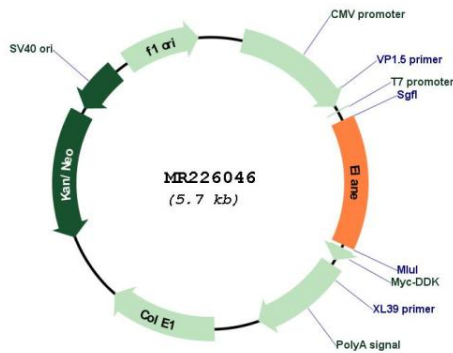


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Locus ID: 50701
UniProt ID: [Q3UP87](#)
Cytogenetics: 10 39.72 cM
MW: 29.1 kDa

Gene Summary: This gene encodes a member of the chymotrypsin-like family of serine protease enzymes that hydrolyzes a broad range of protein substrates including elastin. This gene is expressed by neutrophils where the encoded enzyme is stored in azurophil granules. Upon neutrophil activation, the active enzyme is released into the extracellular milieu. Mice lacking the encoded protein exhibit increased susceptibility to sepsis and death following intraperitoneal infection with Gram negative bacteria. This gene is located adjacent to a related proteinase gene on chromosome 10. [provided by RefSeq, Jul 2016]

Product images:



Circular map for MR226046