

Product datasheet for **MG215149**

Klre1 (NM_153590) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Tag: TurboGFP
Symbol: Klre1
Synonyms: Klre-1; NKG2I
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide Sequence: >MG215149 representing NM_153590
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATGAAGCACCTGTAACCCGTTTACCCTAAATGTGAATCCAGCAGAAGAGTAAAGCAAAGAACA
AGATTAAGAATACACTTAATTCAAATGAATTGTATCCATTGAGCAGAGGAAAAATACCAGAAACATCT
TAAGAAGCACAAAAACACAGCAGAAGACATCAGTGGTAAAGGGAATTGCTCACCTCCATGGAGGCTTCTC
TCGAGTGTGCTCGGTGCCATGTGCCCTTCTCCTGATGGCTGTAGCCATGGTATGACCACTTTTACCACAA
AGTCATCTTCTGAAAGATCATCTTCTACTATTCAGCAAGAAGGGCTCCATCATCCCTGTCCAGAGAAGCTG
GGTCTGGTTCAGGTGCAGCTGTTATTTCTTCTCCAAGGAAGAGCTAATTTGGAGAGACAGTCAGCGTGCC
TGCTTGTCTCTTAAGTCCAGTCTCATAAGGATGAACAAAGAGGAAATGAATTTCTTCTTTGAAGTCTT
TCTTTGGGTTGGAGTTTACTATAATGAACTCGCAGACAGTGGCTGTGGGAAGACCATTTCGTTTCTACC
CTCTGGGCTGTTTCTAACTTGAAGCTAATATGAAAACTTCTGTGCATCTTATAAATCAAAGAAGCT
TATATGGAAGAAAAGTGTGCGAACAAGTACATATATTTGCAAGAAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >MG215149 representing NM_153590
Red=Cloning site Green=Tags(s)

MDEAPVTRSTLNVNSQQKSKAKNKIKNTLNSNELSSIEQRKKYQKHLKHKNTAEDISGKGNCSPPWRL
SSVLGAMCLLLMAMVMTTFTTKSSSERSSSTIQEGLHHPCPENWVWFRCSYFFSKEELIWRDSQRA
CLSLNSSLIRMNKEEMNFFSLKSFVWGVYNETRRQWLWEDHSVLPGLFSKLEANMKNFCASYKSKEA
YMEENCANKLTYICKK

TRTRPLE - GFP Tag - V



RefSeq Size: 927 bp

RefSeq ORF: 681 bp

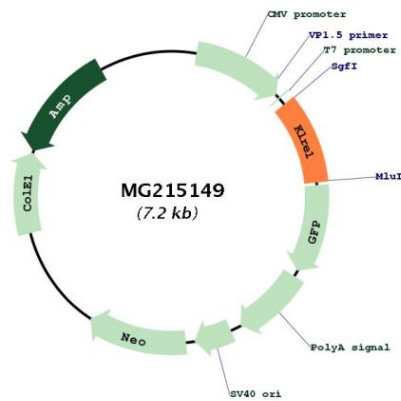
Locus ID: 243655

UniProt ID: [Q8CJC7](#)

Cytogenetics: 6 F3

Gene Summary: Lectin-like receptor for natural killer (NK) cells (PubMed:14707119, PubMed:15069013, PubMed:18713988). Can either inhibit or activate NK cell cytotoxic activity, depending on its binding partner (PubMed:14707119, PubMed:15069013, PubMed:18713988). Heterodimer formation with KLRI1 mediates NK cell inhibition whereas heterodimer formation with KLRI2 mediates NK cell activation (PubMed:18713988). Plays a role in allogeneic recognition by the immune system (PubMed:14707119, PubMed:15069013).[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MG215149