

Product datasheet for MR202422

Gid4 (NM_025757) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Gid4 (NM_025757) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Gid4
Synonyms:	4933439F18Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>MR202422 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCCGGTCCGCACCGAGTGTCCCCGCCGGGGTGCCTCAACCACATCCGCGGCCTCACTCATCCCGC
CGCCGCCATCAACACCCAGCAGCCCGCGTGGCCACCAGCTTGCTCTACAGCGGCTCAAGTCCGTGG
CCACCAGAAGAGCAAGGGGAACCTGACGACGTAGAGGTGGTGTGCAGCACGTGGACTGGAACTCT
TACCTTTGTGGTACCTAAAGATTAAGGCCTTACAGAGGAATATCCAACCTTACAACCTTCTTTGAAG
GAGAAATAATAAGCAAAAAACACCTTTCTTAACCTCGAAAGTGGGACGCAGATGAAGATGTGGATCGGAA
ACACTGGGCAAGTTTCTGGCTTTTATCAGTATGCAAAATCATTAAATTCAGACGACTTTGATTATGAA
GAACTGAAAAATGGGATTATGTCTTCATGAGGTGGAAGGAGCAGTTCCTAGTCCCGACCACACAATCA
AAGACATCAGCGGTGCTTCTTTGCTGGTTTCTATTACATCTGCTTTCAGAAAGTCAGCAGCTCCATAGA
GGGCTACTACTACCATCGGAGCTCAGAATGGTATCAGTCCCTCAACCTGACCCATGTTCTGAAACACAGT
GCACCCATCTATGAGTTCCGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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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_025757.1](#), [NM_025757.2](#), [NM_025757.3](#), [NM_025757.4](#), [NP_080033.2](#)

RefSeq Size: 4437 bp

RefSeq ORF: 654 bp

Locus ID: 66771

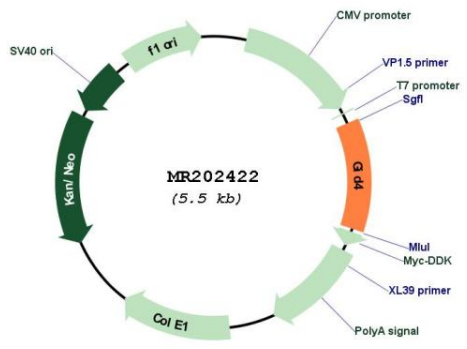
UniProt ID: [Q9CPY6](#)

Cytogenetics: 11 B2

MW: 24.9 kDa

Gene Summary: Substrate-recognition subunit of the CTLH E3 ubiquitin-protein ligase complex that selectively accepts ubiquitin from UBE2H and mediates ubiquitination and subsequent proteasomal degradation of the transcription factor HBP1. Binds proteins and peptides with a Pro/N-degion consisting of an unmodified N-terminal Pro followed by a small residue, and has the highest affinity for the peptide Pro-Gly-Leu-Trp. Binds peptides with an N-terminal sequence of the type Pro-[Ala,Gly]-[Leu, Met, Gln, Ser, Tyr]-[Glu, Gly, His, Ser, Val, Trp, Tyr]. Does not bind peptides with an acetylated N-terminal Pro residue.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR202422