

Product datasheet for MC217707

H28 (BC024930) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	H28 (BC024930) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	H28
Synonyms:	H-28; H28; H28-1; NS1178
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>BC024930 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAAAGTGACAGCCAGATTGACATGGATAGAAGAGAAGATTCTGGAAAAGCTGCTTGGGAACGCATCGT
TGACTCTTCTTTATCAGTCCAGTGCTCATAAAATTTGTGTTTCTGAGATGACTCAGAAATATTCTCTTCA
GGGATCCACAATGACAGTATTTACCTAGAGAAAGATGTTGTTGGGTGTTTTATACTGGAGAATTTT
CCTAGGTTAGTCTCTGAAAAGCCATGTACTTGTGCGTGGTTTTTCATTAAGGAATAATAGTTCTGGAA
TATCAGCTTTGTTTTGAACACAAAAGTAATAGTTGACTCTGAAGATCTGATAATTTTCTACTCGATGG
TTTGTCAGTCACTGAGTCCACTTAGAGGCTTCACACTTGCTCTAAATGACACAGTAATGAACGGTCTA
GAACTCAATCTTGACATGGCTTTCTACTTGTGGAATGTGAAATCTTTCGAGTTGATGGCATTAAAGAAA
ATCCAAGCTTCATAAAGAAGATGGTGACCGCCGAACAGCACCGAGGAAAATTAATCTCTGCTCTCAGAGC
CTACAAGCCTTATAAGGACCTGGTTTCAGAAGTTCGATTCTCTTGGTGGGCCAGTAGGCTCAGGAAAG
TCGAGCTTTTCAACTCAGTGAAGTCTGCTTCCAAGGCCACCTAACTCGCCAGGCCATTGTGGGTCTG
ACGAAAGCAGTATCACCAAGCAGTTCAACCCCTGTGAGCCAATGAAGCCGAAGCACTCCCTCACGCCGC
CTCTCCGCCCTGAAGGACAGGATCACTGCGTGGCTTTTGTCTAGACATCAACTCTGTTAATACTA
TCTGATAAAATGGTGGCAAAGCTGAAAAAATTCGAAAGATGTAGTAGACTGTGGTATAGGATATGTAG
CCTTGCTTACAAATGTGGAGGAATATGATGAAGTTCTTGATGACAATTTGCAAACATGACAGAACTGT
GACTTCTCTAAGCCAGGTTGAGAAATGTCCAAAATGGCTAAATATTCTATAGCAATATCTTGATGGTC
AGCAATTATGCTTCAGAGCGAAGGTTGGAGCCTATGAAGGATATTCTGGTCTTTGCTGCTCTCAGGCAGA
TGTTGAGGGCTGCGGATGATGCCTTAGAGGACTTGCTCTCGAGGATACTGGTAACCTGGCTCCTTTCTA
A

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA


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Restriction Sites:	Sgfl-Mlul
ACCN:	BC024930
Insert Size:	1191 bp
OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
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.
Note:	Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.
RefSeq:	<u>BC024930</u> , <u>AAH24930</u>
RefSeq Size:	2228 bp
RefSeq ORF:	1190 bp
Locus ID:	15061
Cytogenetics:	3 76.94 cM
Gene Summary:	This gene encodes a minor histocompatibility antigen that is involved in tissue graft rejection and is polymorphic in different mouse strains. The 5' region of this gene, including the translational start codon and the first 293 amino acids, is absent from the C57BL/6J genome. The encoded antigen is not thought to be expressed in C57BL/6J. [provided by RefSeq, Mar 2013]