

Product datasheet for MR228256

Tasp1 (NM_001289611) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tasp1 (NM_001289611) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tasp1
Synonyms: 4930485D02Rik; AW986064
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR228256 representing NM_001289611
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGATCATGGAGAAGGGGATGAATTCTGGAGAAGGACTGCCTTCCAGATCATCTCAGGCATCTGCTGCTA
 AAGTAACAGTCAAGGAGTTAGAAACACAGCAGCCCTGTAAGGAGAAACGAGGGGGCTTTGTGCTGGTGCA
 TGCAGGTGCAGGCTATCATTCTGAATCCAAAGCCAAGGAATATAAACATGTATGCAAACGAGCTTGTCAG
 AAGGCAATTGAGAAGCTACAGGCTGGTGTCTTGTCTACAGATGCAGTGGCTGCTGCTCTGGTGGAACCTG
 AGGATTCTCCTTTTACAAATGCAGGAATAGGATCTAATCTAAATCTCTTAGGAGAGATTGAATGTGATGC
 CAGCATAATGGATGGAAAGTCCTTAAACTTTGGAGCCGTTGGAGCACTGAGTGGAAATCAAGAATCCAGTC
 TCAGTTGCTCACAGGCTCTTGTGTGAAGGCGAGAAGGGCAAGCTCTCTGCAGGCAGAATTCCTCCCTGGA
 TTCAGCTTAGCTGCATT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

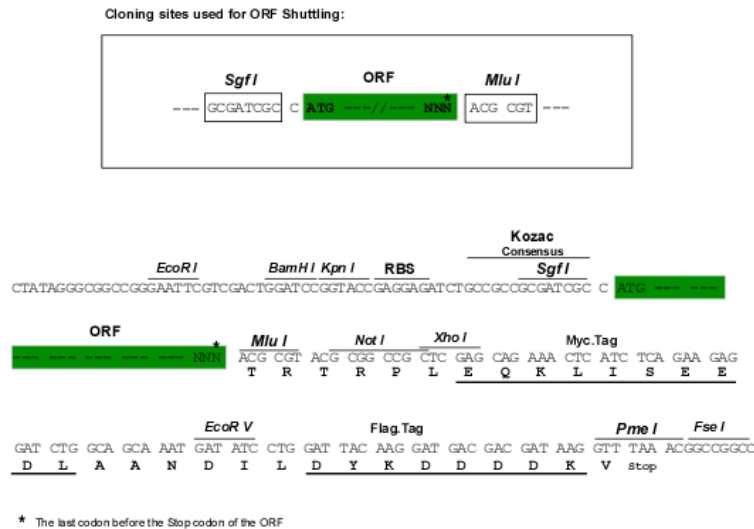
Protein Sequence: >MR228256 representing NM_001289611
 Red=Cloning site Green=Tags(s)

MIMKGMNSGEGLPSSQASAAKVTVKELETQQPCKEKRGGFVLVHAGAGYHSESKAKEYKHVCKRACQ
 KAIEKLQAGALATDAVAAALVEEDSPFTNAGIGSNLNLGEIECDASIMDGKSLNFGAVGALSGIKNPV
 SVAHRLLCGQKGLSAGRIPPWIQLSCI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI


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Cloning Scheme:


ACCN: NM_001289611

ORF Size: 507 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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: [NM_001289611.1](#), [NP_001276540.1](#)

RefSeq Size: 2103 bp

RefSeq ORF: 510 bp

Locus ID: 75812

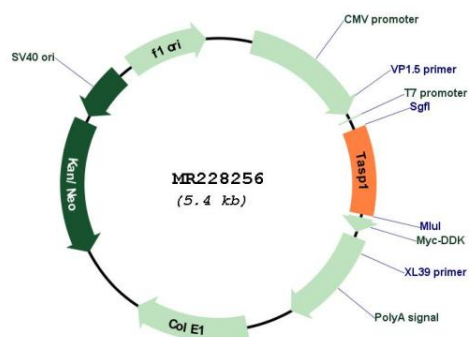
UniProt ID: [Q8R1G1](#)

Cytogenetics: 2 F3

MW: 18.2 kDa

Gene Summary: Protease involved in KMT2A/MLL1 processing and, consequently, in the correct expression of the early HOXA gene cluster.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR228256