

## Product datasheet for **SC333321**

### MT1HL1 (NM\_001276687) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	MT1HL1 (NM_001276687) Human Untagged Clone
Tag:	Tag Free
Symbol:	MT1HL1
Synonyms:	MT1P2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC333321 representing NM_001276687. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG  
 GATCCGGTACCGAGGAGATCTGCCGCC**CGATCGCC**  
**ATGGACCCCAACTGCTCCTGCGCCGCTGGAGGCTCCTACGCCTGCGCCGGCTCCTGCAAGTGCAAAAAG**  
**TGCAAAATGCACCTCCTGCAAGAAGAGCTGCTGCTCCTGTTGCCCCCTGGGCTGTGCCAAGTGTGCCCG**  
**GGCTGCATCCGAAAGGGGCTTCGGAAGAGTGCAGCTGCTGTGCC****TGA**  
**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT  
 TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_001276687
Insert Size:	186 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).


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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\_001276687.1

**RefSeq Size:** 316 bp

**RefSeq ORF:** 186 bp

**Locus ID:** 645745

**UniProt ID:** P0DM35

**Cytogenetics:** 1q43

**MW:** 6.1 kDa

**Gene Summary:** This gene is a retrotransposed gene, compared to MT1H (GeneID:4496). This retrogene is transcribed. It retains a full-length CDS, and is assumed to be translated. Compared to the MT1H product, this protein product differs at three internal amino acids, two of which are at metal-binding sites. [provided by RefSeq, Mar 2013]