

## Product datasheet for **RG206835**

### TASP1 (NM\_017714) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** TASP1 (NM\_017714) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** TASP1  
**Synonyms:** C20orf13; dj585114.2; SULEHS  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG206835 representing NM\_017714  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGACCATGGAGAAGGGGATGAGTTCTGGAGAAGGGCTGCCTTCCAGATCATCTCAGGTTTCGGCTGGTA  
 AAATAACAGCCAAAGAGTTGAAACAAAGCAGTCCTATAAAGAGAAACGAGGAGGCTTTGTGTTGGTGCA  
 TGCAGGTGCAGGTTATCATTCTGAATCCAAAGCCAAGGAGTATAAACATGTATGCAAACGAGCTTGTGCA  
 AAGGCAATTGAAAAGCTGCAGGCCGGTGTCTTGAACAGCAGTCACTGCAGCACTGGTGGAACTTG  
 AGGATTCTCCTTTTACAAATGCAGGAATGGGATCTAATCTAAATCTGTTAGGTGAAATTGAGTGTGATGC  
 CAGCATAATGGATGGAAAATCCTTAAATTTGGAGCAGTTGGAGCACTGAGTGGAAATCAAGAACCCAGTC  
 TCGGTTGCCAACAGACTCTTATGTGAAGGGCAGAAGGGCAAGCTCTCGGCTGGCAGAATTCCTCCCTGCT  
 TTTTAGTTGGAGAAGGAGCCTACAGATGGGCAGTAGATCATGGAATACCCCTTTGCCCTCCTAACATCAT  
 GACCACAAGATTCAGTTTAGCTGCATTTAAAAGAAACAAGAGGAAACTAGAGCTGGCAGAAAAGGGTGGAC  
 ACAGATTTTATGCAACTAAAGAAAAGAAGACAATCAAGTGAGAAGGAAAATGACTCAGGCACTTTGGACA  
 CGGTAGGCGCTGTGGTTGTGGACCACGAAGGGAATGTTGCTGCTGCTGTCTCCAGTGGAGGCTTGGCCTT  
 GAAACATCCGGGGAGAGTTGGGCAGGCTGCTCTTATGGATGTGGCTGCTGGGCTGAAAACTACTGGAGCT  
 CATAACCCCTACTCCACAGCTGTGAGTACCTCAGGATGTGGAGAGCATCTTGTGCCACCATACTGGCTA  
 GAGAATGTTACATGCTTTACAAGCTGAGGATGCTCACCAAGCCCTGTTGGAGACTATGCAAAACAAGTT  
 TATCAGTTCACCTTTCCTTGCCAGTGAAGATGGCGTGCTTGGCGGAGTGATTGTCCTCCGTTTCATGCAGA  
 TGTTCTGCCGAGCCTGACTCCTCCAAAATAAGCAGACACTTCTAGTGGAAATTTCTGTGGAGCCACACGA  
 CGGAGAGCATGTGTGCGGATATATGTCAGCCCAGGATGGGAAAGCCAAGACTCACATTTCAAGACTTCC  
 TCCTGGTGCAGTGGCAGGACAGTCTGTGCAATCGAAGGTGGGGTGTGCCGCTGGAGAGCCAGTGAAC

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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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\\_017714.3](#)

**RefSeq Size:** 2368 bp

**RefSeq ORF:** 1263 bp

**Locus ID:** 55617

**UniProt ID:** [Q9H6P5](#)

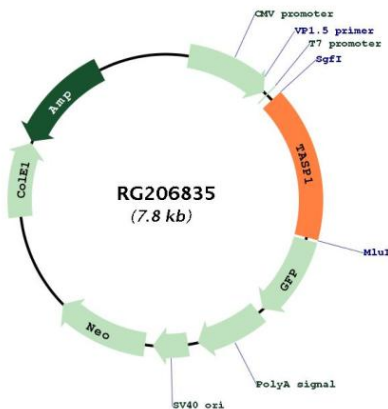
**Cytogenetics:** 20p12.1

**Domains:** Asparaginase\_2

**Protein Families:** Protease

**Gene Summary:** This gene encodes an endopeptidase that cleaves specific substrates following aspartate residues. The encoded protein undergoes posttranslational autoproteolytic processing to generate alpha and beta subunits, which reassemble into the active alpha2-beta2 heterotetramer. It is required to cleave MLL, a protein required for the maintenance of HOX gene expression, and TFIIA, a basal transcription factor. Alternatively spliced transcript variants have been described, but their biological validity has not been determined. [provided by RefSeq, Jul 2008]

## Product images:



Circular map for RG206835