

Product datasheet for **SC122769**

TSG6 (TNFAIP6) (NM_007115) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: TSG6 (TNFAIP6) (NM_007115) Human Untagged Clone
Tag: Tag Free
Symbol: TSG6
Synonyms: TSG-6; TSG6
Mammalian Cell Selection: None
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_007115 edited
 GTGAGCAGCCCCTAACAGGCTGTACTTCACTACAACCTGACGATATGATCATCTTAATTT
 ACTTATTTCTCTTGCTATGGGAAGACACTCAAGGATGGGGATTCAAGGATGGAATTTTTC
 ATAACCCATATGGCTTGAACGAGCAGCCGGTGTGTACCACAGAGAAGCACGGTCTGGCA
 AATACAAGCTCACCTACGCAGAAGCTAAGGCGGTGTGTGAATTTGAAGGCGGCCATCTCG
 CAACTTACAAGCAGCTAGAGGCAGCCAGAAAAATTGGATTTTCATGTCTGTGCTGCTGGAT
 GGATGGCTAAGGGCAGAGTTGGATACCCCATTTGTGAAGCCAGGGCCCAACTGTGGATTTG
 GAAAACTGGCATTATTGATTATGGAATCCGTCTCAATAGGAGTGAAAGATGGGATGCCT
 ATTGCTACAACCCACACGCAAAGGAGTGTGGTGGCGTCTTTACAGATCCAAAGCAAATTT
 TTAATCTCCAGGCTTCCCAAATGAGTACGAAGATAACCAAATCTGCTACTGGCACATTA
 GACTCAAGTATGGTCAGCGTATTCACCTGAGTTTTTTAGATTTTGACCTTGAAGATGACC
 CAGGTTGCTTGGCTGATTATGTTGAAATATATGACAGTTACGATGATGCCATGGCTTTG
 TGGGAAGATACTGTGGAGATGAGCTTCCAGATGACATCATCAGTACAGGAAATGTCATGA
 CCTTGAAGTTTCTAAGTATGCTTCAGTGACAGCTGGAGGTTTCCAAATCAAATATGTTG
 CAATGGATCCTGTATCCAAATCCAGTCAAGGAAAAATACAAGTACTACTTCTACTGGAA
 ATAAAACTTTTAGCTGGAAGATTTAGCCACTTATAAAAAAAAAAAAAAGGATGATCAAA
 ACACACAGTGTATGTTGGAATCTTTTGGAACTCCTTTGATCTCACTGTTATTATTAAC
 ATTTATTTATTTTCTAAATGTGAAAGCAATACATAATTTAGGAAAAATTGGAAAAAT
 ATAGGAACTTTAAACGAGAAAAATGAAACCTCTCATAATCCCACATGATAAGAAATAACA
 AAGGTTAAACATTTTCATATTTTTTTCTTTTCAAGTCAATTTTTCTATTTGTGGTATATG
 ATATGACCTATATGATTTTGCATTTGAAATTTTGGAACTCCTGCTCTATGTACAGTTTTG
 TATACTTTTTAAATCTTGAACCTTATAAACATTTTCTGAAATCATTGATTATTCTACAA
 AAACATGATTTTAAACAGCTGTAATAATTTCTATGATATGAATGTTTTATGCATTATTTA
 AGCCTGTCTCTATTGTTGGAATTTTCAGGTCATTTTCTATAAATATTGTTGCAATAAATATC
 CTTGAACACAA



[View online »](#)

5' Read Nucleotide Sequence:	>OriGene 5' read for NM_007115 unedited ACGTTCAAATTTTGTAAATACGACTCACTATAGGGNCCGGCCGCGNAATCCCGGGATGTG AGCAGCCCCTAACAGGCTGTACTTCACTACAACCTGACGATATGATCATCTTAATTTACT TATTTCTCTTGCTATGGGAAGACTCAAGGATGGGGATTCAAGGATGGAATTTTTCATA ACTCCATATGGCTTGAACGAGCAGCCGGTGTGTACCACAGAGAAGCACGGTCTGGCAAAT ACAAGCTCACCTACGCAGAAGCTAAGGCGGTGTGTGAATTTGAAGCGGCCATCTCGCAA CTTACAAGCAGCTAGAGGCAGCCAGAAAAATTGGATTTTCATGTCTGTGCTGCTGGATGGA TGGCTAAGGGCAGAGTTGGATACCCCATTTGTGAAGCCAGGCCCAACTGTGGATTTGGAA AAACTGGCATTATTGATTATGGAATCCGTCTCAATAGGAGTGAAAGATGGGATGCCTATT GCTACAACCCACACGCAAAGGAGTGTGGTGGCGTCTTTACAGATCCAAAGCAAATTTTAA AATCTCCAGGCTTCCCAATGAGTACGAAGATAACCAATCTGCTACTGGCACATTAGAC TCAAGTATGGTCAGCGTATTCACCTGAGTTTTTTAGATTTTGACCTTGAAGATGACCCAG GTTGCTTGGCTGATTATGTTGAAATATATGACAGTTACGATGATGCCATGGCTTTGTGG GAAGATACTGTGGAGATGAGCTTCCAGATGACATCATCAGTACAGGAAATGTCATGACCT TTGAGTTNNCTAGTGATGCTTCAGTGACAGCTGGAGGTTTCCCAACAAATATGTTGCAAT GGATCCTGTATCCAAATCCAGTCAAGGAAAAAATACAAGTACTACTTCTACTGGNAATA AAACTTTTGTAGCTGGNAAGATTAGCCACTTATA
Restriction Sites:	Please inquire
ACCN:	NM_007115
Insert Size:	1430 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:	<ol style="list-style-type: none"> 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_007115.2 , NP_009046.2
RefSeq Size:	1440 bp
RefSeq ORF:	834 bp
Locus ID:	7130
UniProt ID:	P98066
Cytogenetics:	2q23.3
Protein Families:	Druggable Genome

Gene Summary:

The protein encoded by this gene is a secretory protein that contains a hyaluronan-binding domain, and thus is a member of the hyaluronan-binding protein family. The hyaluronan-binding domain is known to be involved in extracellular matrix stability and cell migration. This protein has been shown to form a stable complex with inter-alpha-inhibitor (I alpha I), and thus enhance the serine protease inhibitory activity of I alpha I, which is important in the protease network associated with inflammation. This gene can be induced by proinflammatory cytokines such as tumor necrosis factor alpha and interleukin-1. Enhanced levels of this protein are found in the synovial fluid of patients with osteoarthritis and rheumatoid arthritis.[provided by RefSeq, Dec 2010]