

Product datasheet for **SC309040**

GAGE5 (NM_001475) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	GAGE5 (NM_001475) Human Untagged Clone
Tag:	Tag Free
Symbol:	GAGE5
Synonyms:	CT4.5
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene sequence for NM_001475 edited CCGGGATCTGTGAGGCAGTGCTGTGTGGTTCCTGCCGTCCGGACTCTTTTCTCTACTG AGATTCATCTGTGTGAAATATGAGTTGGCGAGGAAGATCGACCTATTATTGGCCTAGACC AAGGCGCTATGTACAGCCTCCTGAAGTGATTGGGCCTATGCGGCCGAGCAGTTCAGTGA TGAAGTGAACCAACACACCTGAAGAAGGGGAACAGCAACTCAACGTCAGGATCCTGC AGCTGCTCAGGAGGGAGAGGATGAGGGAGCATCTGCAGGTCAAGGCCGAAGCCTGAAGC TGATAGCCAGGAACAGGGTCACCCACAGACTGGGTGTGAGTGTGAAGATGGTCTGATGG GCAGGAGATGGACCCGCAAAATCCAGAGGAGGTGAAAACGCTGAAGAAGGTGAAAAGCA ATCACAGTGTTAAAAGAAGGCACGTTGAAATGATGCAGGCTGCTCCTATGTTGAAATTT GTTCAATAAAATCTCCAATAAAGCTTTACAGCCTTCTGC
Restriction Sites:	Please inquire
ACCN:	NM_001475
Insert Size:	500 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).
OTI Annotation:	The open reading frame of this clone has been fully sequenced and found to be a perfect match to the protein associated with this reference, NM_001475.1.
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_001475.1](#), [NP_001466.1](#)

RefSeq Size: 524 bp

RefSeq ORF: 354 bp

Locus ID: 2577

UniProt ID: [Q13069](#)

Cytogenetics: Xp11.4-p11.2

Gene Summary: This gene belongs to a family of genes that are expressed in a variety of tumors but not in normal tissues, except for the testis. The sequences of the family members are highly related but differ by scattered nucleotide substitutions. The antigenic peptide YYWPRPRRY, which is also encoded by several other family members, is recognized by autologous cytolytic T lymphocytes. [provided by RefSeq, Jul 2008]