

## Product datasheet for RN214953

### Epcam (NM\_138541) Rat Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Epcam (NM_138541) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Epcam
Synonyms:	Egp314; Tacstd1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN214953 representing NM_138541 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCGCCCCCAAGGCCCTCGCGTTCGGGCTCCTGCTCGCGGTGGTCACGGCGACGCTGGCCGACGCTC  
AGAAAGACTGTGTCTGTAACAACACAAGCTGACGTCACGGTGTATGAGAATGAGAATGGTGAATGCCA  
GTGTACTTCTATGGGACACAAAATACTGTCATTTGCTCCAACTGGCATCCAAGTGCTTGGTGATGAAG  
GCGGAGATGACTCACAGCAAGTCTGGGAGGAGGATGAAACCCGAGGGGGCGATCCAGAACAACGACGGTC  
TGTATGATCCCGAGTGTGACGAGCAAGGGCTCTCAAAGCCAAGCAGTGCAACGGCACCGCCACGTGCTG  
GTGCGTGAACACCGCGGGTGTCCGGAGAACCACAAAGGACACGGAGATCACGTGCTCCGAGAGAGTGAGG  
ACCTACTGGATCATCATTGAGCTCAAACACAAAGAAAGAGCACAGCCTTATAACTTCGAGAGTTTGATA  
CTGCACCTCAGGACACATTTGCATCTCGATACATGCTGAATCCGAAATTTATCAAAAGTATTATGTATGA  
GAATAATGTTATCACTATTGATTTGATGCAAACTCTTCTCAGAAGACTCAAGATGATGTGGACATAGCT  
GATGTGGCTTACTATTTGAGAAAGATGTAAGGGGGAGTCCCTTGTCCATTATCTAAGAGCATGGACC  
TGAGGGTGAACGGGGAGCTCCTCGATCTGGACCCGGGCAGACTCTGATTTACTACGTCGATGAAAAGGC  
CCCGAGTTTTCCATGCAGGGCCTCACGGCTGGGATCATCGCCGTCATTGTCGTGGTGGTGTAGCAGTC  
ATTGCGGGGATTGTTGTCTGGTTATATCTACAAGGAAGAGATCAGCAAAATATGAGAAGGCTGAGATAA  
AGGAGATGGGTGAGATACACAGAGAGCTCAATGCC**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: [https://cdn.origene.com/chromatograms/ja1655\\_d03.zip](https://cdn.origene.com/chromatograms/ja1655_d03.zip)

Restriction Sites: Sgfl-Mlul



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<b>ACCN:</b>	NM_138541
<b>Insert Size:</b>	948 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_138541.1</a></u> , <u><a href="#">NP_612550.1</a></u>
<b>RefSeq Size:</b>	1469 bp
<b>RefSeq ORF:</b>	948 bp
<b>Locus ID:</b>	171577
<b>UniProt ID:</b>	<u><a href="#">O55159</a></u>
<b>Cytogenetics:</b>	6q12
<b>Gene Summary:</b>	involved in metastasis formation and tumor progression [RGD, Feb 2006]