

Product datasheet for MC203751

Epcam (NM_008532) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Epcam (NM_008532) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Epcam
Synonyms:	CD326; EGP; EGP-2; Egp314; Ep-CAM; EpCAM1; GA733-2; gp40; Ly74; Tacsd1; Tacstd1; TROP1
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC005618
 CAGCGCTCAGTCCGTCGCCGCCGCGCAGCGGACTGTCTCCGAGCCGTCGCCGCCGACCTCCGCGA
 GTCGCCCTCGCCCTCCGCGCGCAGCATGGCGGGTCCCCAGGCCCTCGGTTCCGGCTCCTGCTCGCGGT
 GGTACAGCGACGCTGGCCGCGGCTCAGAGAGACTGTGTCTGTGACAACTACAAGCTGGCAACAAGTTGC
 TCTCTGAATGAATATGGTGAATGCCAGTGTACTTCTATGGTACACAGAATACTGTCATTTGCTCCAAAC
 TGGCGTCTAAATGCTTGGCGATGAAAGCAGAAATGACTCACAGCAAGTCTGGGAGGAGGATAAAGCCGA
 AGGGGCGATCCAGAACAACGATGGGCTGTACGACCCCGACTGCGACGAGCAGGGGCTCTTCAAAGCCAAG
 CAGTGCAACGGCACCGCCACGTGCTGGTGTGTCAACCCGCGGAGTCCGAAGAACCACAAGGACACGG
 AGATCACGTGCTCCGAGCGCGTGAGGACCTACTGGATCATCATTGAACTAAAACAAAAGAAAGAGAAA
 CCCCTACGACCATCAGAGCTTGCAGACTGCGCTTCAAGAGCGGTTACATCTCGATATAAGCTGAATCAG
 AAATTTATCAAAAACATTATGTATGAGAATAATGTTATCACCATTGATCTGATGCAAACTCTTCTCAGA
 AAACACAAGACGACGTGGACATAGCTGATGTGGCTTACTATTTTGAAAAGATGTGAAGGGGAGTCCCT
 GTTCCATTCTTCTAAGAGCATGGACCTGAGAGTGAACGGAGAGCCGCTCGATCTGGACCCCGGGCAGACT
 CTGATTTACTACGTTGATGAAAAGGCACCCGAGTTCTCCATGCAGGGCCTCACGGCCGGGATCATCGCTG
 TCATTGTGGTGGTGCATTAGCAGTCAATCGCGGGGATTGTTGCTCGTTATATCTACAAGGAAGAAATC
 AGCAAAATATGAGAAGGCTGAGATAAAGGAGATGGGTGAGATCCACAGAGAGCTTAAATGCCTAGCCGTGC
 TGAGTGTGAAGTGAAGGAGGGCCGCCGACCCGGAAGTGGCAGAAGAGCTCGGACTGCAGATGTATAAC
 CTGGGGAAGATGAAGACCTGCGAAGGGTTACTGCTTTGATAGTTACTTTGTTAGTTTACATTTGTAACA
 GTGAAATTTGACTCGTAAATACAAGCAGCTGGACACCCGGCATTACCGATCGTAAAATTAGACGAACGTC
 TTATAGGTGCAGGTCCAGTGTGGTACTCAGAACTTAGCCTGCAAAGTTAAGAGAGTTGATGCTTATTATG
 ACAGAGTGTGCGTGCAAACATTCCAACAGTAGAATGCGGTGACTAGTCTCATTTTTTTTTTTTTTTGTG
 ATTAAGGTGCCCTTCTATATACCTGAGTCTTGTACATAATAAATTTTTTTTAAATGAAATAAACATTT
 TAAAGTGAATAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_008532



[View online »](#)

Insert Size:	948 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:	BC005618 , AAH05618
RefSeq Size:	1492 bp
RefSeq ORF:	948 bp
Locus ID:	17075
UniProt ID:	Q99JW5
Cytogenetics:	17 E4
Gene Summary:	May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. Plays a role in embryonic stem cells proliferation and differentiation. Up-regulates the expression of FABP5, MYC and cyclins A and E (By similarity).[UniProtKB/Swiss-Prot Function]