

## Product datasheet for **TP727826**

### Epcam Mouse Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Mouse Epithelial cell adhesion molecule//CD326(C-Fc)
Species:	Mouse
Expression cDNA Clone or AA Sequence:	Gln24-Thr266
Tag:	C-Fc
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	Recombinant Mouse Epithelial cell adhesion molecule is produced by our Mammalian expression system and the target gene encoding Gln24-Thr266 is expressed with a Fc tag at the C-terminus.
Stability:	12 months from date of despatch
Locus ID:	17075
UniProt ID:	<a href="#">Q99JW5</a>
Summary:	Epithelial Cellular Adhesion Molecule (Ep-CAM), also known as EGP314, mEGP314, Protein 289A, Tumor-associated calcium signal transducer 1, CD326, belongs to the EPCAM family. Its monomer subunit structure interacts with phosphorylated CLDN7. Ep-CAM 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. It plays a role in embryonic stem cells proliferation and differentiation. It also up-regulates the expression of FABP5, MYC and cyclins A and E. The post-translational modification glycosylation at Asn-198 is crucial for protein stability.



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