

Recombinant Mouse Ep-CAM/TROP-1/CD326 Protein

RPCB1129



Product Information

Product SKU:	RPCB1129	Gene ID:	17075	Size:	10µg
Tag:	C-His	Reactivity:	Mouse		

Additional Information

Expression Host:	HEK293 cells	Swissprot:	Q99JW5
Purity:	> 95% by SDS-PAGE.		

Protein Information

Background: 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 cell 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.

Protein Description: High quality, high purity and low endotoxin recombinant Recombinant Mouse Ep-CAM/TROP-1/CD326 Protein , tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

Endotoxin: <0.1EU/µg

Formulation: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

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