

RPPB3452

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## Product Information    Protein Information

**Product SKU:**

RPPB3452

**Accession:**

P16422

**Host:**

Sf9, Baculovirus cells.

**Protein description:**

EPCAM produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain (24-265 a.a.) and fused to a 6 aa His Tag at C-terminus containing a total of 248 amino acids and having a molecular mass of 28.2kDa. EPCAM shows multiple bands between 28-40kDa on SDS-PAGE, reducing conditions and purified by proprietary chromatographic techniques.

**Appearance:**

Sterile filtered colorless solution.

**Synonyms:**

Epithelial Cell Adhesion Molecule, Tumor-Associated Calcium Signal Transducer 1, Major Gastrointestinal Tumor-Associated Protein GA733-2, Adenocarcinoma-Associated Antigen, Cell Surface Glycoprotein Trop-1, Epithelial Glycoprotein 314, TACSTD1, EGP314, MIC18, TROP1, M4S1, KSA, Membrane Component, Chromosome 4, Surface Marker (35kD Glycoprotein), Antigen Identified By Monoclonal Antibody AUA1, Human Epithelial Glycoprotein-2, Epithelial Cell Surface Antigen, Epithelial Glycoprotein, KS 1/4 Antigen, CD326 Antigen, GA733-2, HEGP314, HNPCC8, Ep-CAM, DIAR5, EGP-2, EGP40, KS1/4, MK-1, M1S2, ESA, EGP, EPCAM.

**Formulation:**

EPCAM protein solution (1mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol.

**Purity:**

Greater than 95.0% as determined by SDS-PAGE.

**Stability:**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Amino Acid Sequence:**

QEECVCENYK LAVNCFVNNN RQCQCTSVGA QNTVICKSLA AKCLVMKAEM NGSKLGRRAK PEGALQNNNDG  
LYDPDCDESG LFKAKQCNGT STWCVNNTAG VRRTDKDTEI TCSERVRTYW IIIELKHKAR EKPYSKSLR  
TALQKEITTR YQLDPKFITS ILYENNVITI DLVQNSSQKT QNDVDIADVA YYFEKDVKGE SLFHSKKMDL  
TVNGEQLDLDD PGQTLIYYVD EKAPEFSMQG LKHHHHHH