

Epithelial Cell Adhesion Molecule Human Recombinant, Sf9

Item Number	rAP-4291
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, M
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 puri-
Uniprot Accession Number	P16422
Amino Acid Sequence	QEECVCENYK LAVNCFVNNN RQCQCTSVGA QNTVICSKLA AKCLVMKAEM NGSKLGRRRAK PEG-ALQNNDG LYDPDCDESG LFKAKQCNGT STWCVCVNTAG VVRTDKDTEI TCSERVRTYW IIIELKHKAR EKPYSKSLR TALQKEITTR YQLDPKFITS ILYENNVITI DLVQNSSQKT QNDVDIADVA YFEKDVKGE SLFHSSKMDL TVNGEQLDLG PGQTLIYYVD EKAPEFSMQG LKHHHHHH
Source	Sf9, Baculovirus cells.
Physical Appearance and Stability	Sterile filtered colorless solution. 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.
Formulation and Purity	EPCAM protein solution (1mg/ml) contains Phosphate buffered saline (pH7.4) and 10% glycerol. Greater than 95.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**