

Epithelial Cell Adhesion Molecule Human Recombinant

Item Number	rAP-3883
Synonyms	Epithelial cell adhesion molecule, Ep-CAM, Adenocarcinoma-associated antigen, Cell surface glycoprotein Trop-1, Epithelial cell surface antigen, Epithelial glycoprotein, EGP, Epithelial glycoprotein 314, EGP314, hEGP314, KS 1/4 antigen, KSA, Major gastroi
Description	EPCAM Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 267 amino acids (24-265 a.a.) and having a molecular mass of 30.1kDa.EPCAM is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	P16422
Amino Acid Sequence	MGSSHHHHH SSGLVPRGSH MGSHMQEECV CENYKLAVNC FVNNNRQCQC TSVGAQNTVI CSKLAAKCLV MKAEMNGSKL GRRAKPEGALQNNGLYDPD CDEGLFKAK QCNGTSMCWC VNTAGVRRTD KDTEITCSER VRTYWIIIEI KHKAREKPYD SKSLRTALQK EITTRYQLDP KFITSILYEN NVITIDLQVN SSQKTQNDVD IADVAYFEK DVKGESLFHS KKMDLTVNGE QLDLDPGQTL IYYVDEKA- PE FSMQGLK.
Source	Escherichia Coli.
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) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol. Greater than 85.0% 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**