

Human EPCAM Recombinant Protein



RPPB3451

Product Information Protein Information

Product SKU:

RPPB3451

Accession:

P16422

Host:

Escherichia Coli.

Protein 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.

Appearance:

Sterile Filtered colorless solution.

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 gastrointestinal tumor-associated protein GA733-2, Tumor-associated calcium signal transducer 1, CD326, EPCAM, GA733-2, M1S2, M4S1, MIC18, TACSTD1, TROP1, ESA, MK-1, DIAR5, EGP-2, EGP40, KS1/4, HNPCC8.

Formulation:

EPCAM protein solution (1mg/ml) containing 20mM Tris-HCl buffer (pH 8.0), 0.4M urea and 10% glycerol.

Purity:

Greater than 85.0% 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:

MGSSHHHHHH SGLVPRGSH MGSHMQEECV CENYKLVNVC FVNNNRQCQC TSVGAQNTVI CSKLAACKLV
MKAEMNGSKL GRRAKPEGALQNDGLYDPD CDESGLFKAK QCNGTSMCWC VNTAGVRRTD KDTEITCSER
VRTYWIHIEL KHKAREKPYD SKSLRTALQK EITTRYQLDP KFITSILYEN NVITIDLVDVN SSQKTQNDVD
IADVAYYFEK DVKGESLFHS KKMDLTVNGE QLDLDPGQTL IYYVDEKAPE FSMQGLK.