

Recombinant Human EPCAM protein

Cat. No. EPCAM-77H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human EPCAM gene (24-265 aa Fragment) fused with 29aa tag domain (which could be removed using TEV enzyme) at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	24-265 a.a.
Form	0.5 mg/ml, sterile-filtered, in 20 mM pH 8.0 Tris-HCl Buffer, with proprietary formulation of NaCl, KCl, EDTA, arginine, DTT and Glycerol.
AA Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGEFQEEVCENYKLAVNCFVNNNRQCQ CTSVGAQNTVICSKLAAKCLVM KAEMNGSKLGRRRAKPEGALQNNNDGLYDPDCDES GLFKAKQCNGTSMCWCVNNTAGVRRTDKDTEITCSERVRTYWI IELKHKAREKPYD SKSLRTALQKEITTRYQLDPKFITSILYENNVITIDLQNSSQKTQNDVDIADVAYYFEK D VKGESLFHSHKMDLTVNGEQLDLDPGQTLIYYVDEKAPEFSMQGLK
Purity	>90% by SDS-PAGE
Applications	1. Used as coating matrix protein for Studying ES or iPS cell differentiation in vitro.2. As native antigen for antibody production.
Storage	Keep at -80centigrade for long term storage. Product is stable at 4 centigrade for at

Tel: 1-631-559-9269 1-516-512-3133

Email: info@creative-biomart.com Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

least 30 days.

GENE INFORMATION

Gene Name	EPCAM epithelial cell adhesion molecule [Homo sapiens]
Official Symbol	EPCAM
Synonyms	EPCAM; epithelial cell adhesion molecule; antigen identified by monoclonal AUA1 , M4S1, MIC18, TACSTD1, tumor associated calcium signal transducer 1; 17 1A; 323/A3; CD326; CO 17A; EGP 2; EGP34; EGP40; Ep CAM; ESA; GA733 2; HEA125; KS1/4; KSA; Ly74; MH9
Gene ID	4072
mRNA Refseq	NM_002354
Protein Refseq	NP_002345
MIM	185535
UniProt ID	P16422
Chromosome Location	2p21
Function	protein binding;

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