

Recombinant Human EPCAM Protein, GLN24-LYS265, ECD, Tag Free, Biotinylated

Cat. No. EPCAM-077H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human EpCAM protein was developed from HEK293.
Species	Human
Source	HEK293
ProteinLength	GLN24-LYS265, ECD
Description	This gene encodes a carcinoma-associated antigen and is a member of a family that includes at least two type I membrane proteins. This antigen is expressed on most normal epithelial cells and gastrointestinal carcinomas and functions as a homotypic calcium-independent cell adhesion molecule. The antigen is being used as a target for immunotherapy treatment of human carcinomas. Mutations in this gene result in congenital tufting enteropathy.
Conjugation/Label	Biotin
Form	Lyophilised
Endotoxin	Endotoxin level was found to be less than 0.1 ng/μg (1 EU/μg).
Applications	ELISA, WB
Notes	FOR RESEARCH USE ONLY (RUO).

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Storage	Recombinant EpCAM can be stored in working aliquots at 2 to 8 centigrade for one month, or at -20 to -70 centigrade for 1 year. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilised from 0.2 µm filtered PBS solution, pH 7.2, 5% Trehalose.
Conjugation	Biotin
GENE INFORMATION	
Gene Name	EPCAM epithelial cell adhesion molecule [Homo sapiens (human)]
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; MH99; MK 1; MOC31; TACST 1; TROP1; epithelial glycoprotein 314; human epithelial glycoprotein-2; cell surface glycoprotein Trop-1; adenocarcinoma-associated antigen; tumor-associated calcium signal transducer 1; major gastrointestinal tumor-associated protein GA733-2; membrane component, chromosome 4, surface marker (35kD glycoprotein); M4S1; MK-1; DIAR5; EGP-2; MIC18; EGP314; HNPCC8; TACSTD1; GA733-2;
Gene ID	4072
mRNA Refseq	NM_002354
Protein Refseq	NP_002345
MIM	185535

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UniProt ID

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