

EPCAM recombinant protein

Recombinant human EPCAM protein with C-terminal 6xHis tag

CATALOG # AAA47233	HOST HEK293 cells	APPLICATIONS Western Blot
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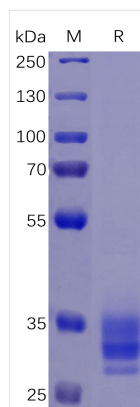
PRODUCT SYNONYMS

EPCAM; Recombinant human EPCAM protein with C-terminal 6xHis tag; Human EPCAM Protein; His Tag; EPCAM; TACSTD1; TROP1; CD326; DIAR5; EGP2; EGP314; EGP40; ESA; GA733-2; HNPCC8; HNPCC-8; KS1/4; KSA; M4S1; MIC18; MK1; EPCAM recombinant protein

PRODUCT SPECIFICATIONS

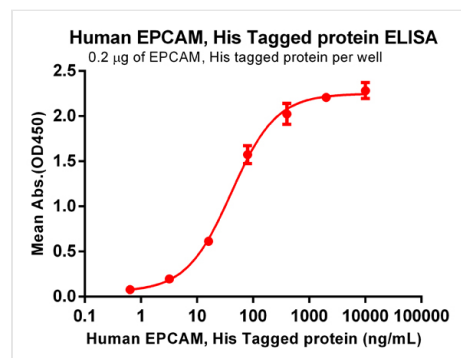
Host	HEK293 cells
Purity/Purification	The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.
Form/Format	Lyophilized from sterile PBS, pH 7.4. Normally 5%-60% trehalose is added as protectants before lyophilization.
Sequence	EPCAM(Gln2 4-Gly314)
Applicable Applications for EPCAM recombinant protein	WB (Western Blot)
Source	Human
Conjugation	C-6xHis tag
Reconstitution	Reconstitute with deionized water
Preparation and Storage	Store at -80 degree C for 12 months (Avoid repeated freezing and thawing) Shipping: Blue Ice

IMAGES



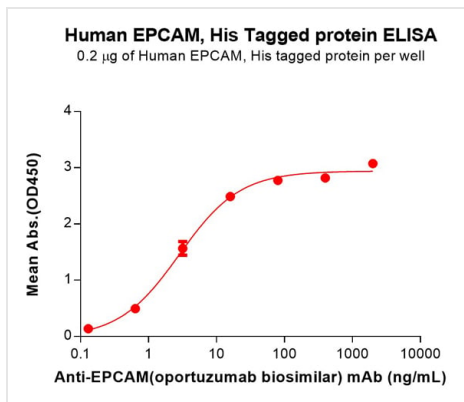
SDS-PAGE

Figure 1. Human EPCAM Protein, His Tag on SDS-PAGE under reducing condition.



ELISA

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ELISA

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ADDITIONAL INFORMATION

Related Product Information for EPCAM recombinant protein

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.

NCBI AND UNIPROT INFORMATION

NCBI GI #	218505670
NCBI GeneID	4072
NCBI Accession #	NP_002345.2
NCBI GenBank Nucleotide #	NM_002354.2
UniProt Accession #	P16422; P18180; Q6FG26; Q6FG49; Q96C47; Q9UCD0
Molecular Weight	34,932 Da
NCBI Official Full Name	epithelial cell adhesion molecule
NCBI Official Synonym Full Names	epithelial cell adhesion molecule
NCBI Official Symbol	EPCAM
NCBI Official Synonym Symbols	ESA; KSA; M4S1; MK-1; DIAR5; EGP-2; EGP40; KS1/4; MIC18; TROP1; EGP314; HNPCC8; TACSTD1
NCBI Protein Information	epithelial cell adhesion molecule; 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 pro
UniProt Protein Name	Epithelial cell adhesion molecule
UniProt Gene Name	EPCAM
UniProt Synonym Gene Names	GA733-2; M1S2; M4S1; MIC18; TACSTD1; TROP1; Ep-CAM; EGP; EGP314; hEGP314
UniProt Entry Name	EPCAM_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/epcam-recombinant-protein-hek293-wb-western-blot/47233>