

Product datasheet for **AR50669PU-N**

CD326 / EPCAM / TACSTD1 (24-265, His-tag) Human Protein

Product data:

Product Type:	Recombinant Proteins
Description:	CD326 / EPCAM / TACSTD1 (24-265, His-tag) human recombinant protein, 0.5 mg
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	MGSSHHHHHH SSGLVPRGSH MGSHMQEECV CENYKLAVNC FVNNNRQCQC TSVGAQNTVI CSKLAAKCLV MKAEMNGSKL GRRAKPEGAL QNNDGLYDPD CDESGLFKAK QCNGTSMCWC VNTAGVRRTD KDTEITCSER VRTYWIIIEL KHKAREKPYD SKSLRTALQK EITTRYQLDP KFITSIYEN NVITIDLQVN SSQKTQNDVD IADVAYFEK DVKGESLFHS KKMDLTVNGE QLDLDPGQTL IYYVDEKAPE FSMQGLK
Tag:	His-tag
Predicted MW:	30.1 kDa
Concentration:	lot specific
Purity:	>85% by SDS - PAGE
Buffer:	Presentation State: Purified State: Liquid purified protein Buffer System: 20 mM Tris-HCl buffer (pH 8.0) containing 0.4M urea, 10% glycerol
Preparation:	Liquid purified protein
Protein Description:	Recombinant human EPCAM protein, fused to His-tag at N-terminus, was expressed in E.coli.
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
RefSeq:	NP_002345
Locus ID:	4072
UniProt ID:	P16422
Cytogenetics:	2p21
Synonyms:	DIAR5; EGP-2; EGP40; EGP314; ESA; HNPCC8; KS1/4; KSA; M4S1; MIC18; MK-1; TACSTD1; TROP1



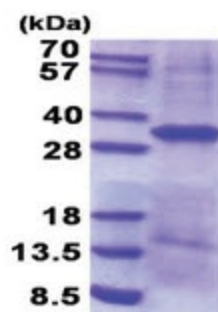
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Summary:

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. [provided by RefSeq, Dec 2008]

Protein Families:

ES Cell Differentiation/IPS, Transmembrane

Product images:

15% SDS-PAGE (3ug)