

Product datasheet for TP504481

Epcam (NM_008532) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse epithelial cell adhesion molecule (Epcam), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR204481 protein sequence Red=Cloning site Green=Tags(s)

MAGPQALAFGLLLAVVTATLAAAQRDCVCDNYKLATSCSLNEYGECQCTSYGTQNTVICSKLASKCLAMK
AEMTHSKSGRRIKPEGAIQNNDGLYDPDCDEQGLFKAKQCNGTATCWCVNTAGVRRTDKDTEITCSERV
TYWIIIELKHKERESPYDHQSLQTALQEAFSTRYKLNQKFIKNIMYENNVITIDLMQNSSQKTQDDVDIA
DVAYYFEKDVKGESLFHSSKSMDLRVNGEPLDLDPGQTLIYVYVDEKAPEFSMQGLTAGIIAVIVVWSLAV
IAGIVVLVISTRKKSAYEKAEIKEMGEIHRELNA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-MYC/DDK
Predicted MW:	35 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C after receiving vials.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	NP_032558
Locus ID:	17075
UniProt ID:	Q99JW5



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RefSeq Size:	2061
Cytogenetics:	17 E4
RefSeq ORF:	948
Synonyms:	CD326; EGP; EGP-2; Egp314; Ep-CAM; EpCAM1; GA733-2; gp40; Ly74; Tacsd1; Tacstd1; TROP1
Summary:	May act as a physical homophilic interaction molecule between intestinal epithelial cells (IECs) and intraepithelial lymphocytes (IELs) at the mucosal epithelium for providing immunological barrier as a first line of defense against mucosal infection. Plays a role in embryonic stem cells proliferation and differentiation. Up-regulates the expression of FABP5, MYC and cyclins A and E (By similarity).[UniProtKB/Swiss-Prot Function]