

Product datasheet for TP305699M

Epithelial Stromal Interaction 1 (EPSTI1) (NM_001002264) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human epithelial stromal interaction 1 (breast) (EPSTI1), transcript variant 1, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC205699 protein sequence Red=Cloning site Green=Tags(s)

MNTRNRVNSGLGASPASRPTDRPQDPSGRQGELSPVEDQREGLEAAPKGPSRESVHAGQRRTSAYTLI
APNINRRNEIQRIAEQELANLEKWKEQNRAPVHLVPRRLGGSQSETEVRQKQQLQLMQSKYKQKLRKREE
SVRIKKEAEEAELQKMKAIQREKSNKLEEKRLQENLRREAFREHQYKTAEFLSKLNTEPDRSACQSA
VCGPQSSTWKLPIPRDHSWARSWAYRDSLKAEENRKLQKMKDEQHQSSELLELKRQQEQERAKIHQTE
HRRVNNAFLDRLQGKSQPGGLEQSGGCWNMNSGNSWGSLLVFSRHLRVYEKILTPIWPSSTDLEKPHEML
FLNVILFSLTVFTLISTAHTLDRAVRSDWLLLVIYACLEELIPELIFNLQCGNATLFF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	47.3 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
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
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.
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_001002264



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Locus ID: 94240

UniProt ID: [Q96J88](#)

RefSeq Size: 3201

Cytogenetics: 13q14.11

RefSeq ORF: 1230

Synonyms: BRESI1

Summary: The protein encoded by this gene has been shown to promote tumor invasion and metastasis in some invasive cancer cells when overexpressed. Expression of this gene has been shown to be upregulated by direct binding of the Kruppel like factor 8 protein to promoter sequences. The translated protein interacts with the amino terminal region of the valosin containing protein gene product, resulting in the nuclear translocation of the nuclear factor kappa B subunit 1 gene product, and activation of target genes. Overexpression of this gene has been observed in some breast cancers and in some individuals with systemic lupus erythematosus (SLE). [provided by RefSeq, Sep 2016]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified EPSTI1 protein (Cat# [TP305699]). The protein was produced from HEK293T cells transfected with EPSTI1 cDNA clone (Cat# [RC205699]) using MegaTran 2.0 (Cat# [TT210002]).