

Product datasheet for PH305699

Epithelial Stromal Interaction 1 (EPSTI1) (NM_001002264) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	EPSTI1 MS Standard C13 and N15-labeled recombinant protein (NP_001002264)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC205699
Predicted MW:	47.5 kDa
Protein Sequence:	>RC205699 protein sequence Red=Cloning site Green=Tags(s)

MNTRNRVNSGLGASPASRPTRDPQDPSGRQGELSPVEDQREGLEAAPKGPSRESVVHAGQRRTSAYTLI
APNINRRNEIQRIAEQELANLEKWKQNRAPVHLVPRRLGGSQSETEVROKQQLQMQSKYKQKLRREE
SVRIKKEAEEAELQKMKAIQREKSNKLEEKRLQENLRREAFREHQYKTAEFLSKLNTESPDRSACQSA
VCGPQSSTWKLPIPRDHSWARSWAYRDSLKAEENRKLQKMKDEHQKSELLELKRQQEQERAKIHQTE
HRRVNN AFLDRLQGKSGPQGLEQSGGCWNMNSGNSWGSLLVFSRHLRVYEKILTPIWPSSTDLEKPHLEML
FLNVILFSLTVFTLISTAHTLDRAVRSDWLLLVLIYACLEELIPELIFNLYCQGNATLFF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_001002264
RefSeq Size:	3201
RefSeq ORF:	1230
Synonyms:	BRES11
Locus ID:	94240



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UniProt ID: [Q96J88](#)

Cytogenetics: 13q14.11

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]).