

Recombinant Human EPSTI1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EPSTI1-6381H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	EPSTI1 MS Standard C13 and N15-labeled recombinant protein (NP_001002264) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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).
Molecular Mass	47.5 kDa
AA Sequence	MNTRNRVVNSGLGASPARPTRDPQDPSGRQGELSPVEDQREGLEAAPKGPSRE SVVHAGQRRTSAYTLIAPNINRRNEIQRIAEQELANLEKWKEQNRAPVHLVPRRLG GSQSETEVRQKQQLQLMQSKYKQKLKREESVRIKKEAEEAELQKMKAIQREKSNKL EEKKRLQENLRREAFREHQQYKTAEFLSKLNTESPDRSACQSAVCGPQSSTWKLPI LPRDHSWARSWAYRDSLKAEENRKLQKMKDEQHQQSELLELKRQQQEQRRAKIHQ

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TEHRRVNNAFLDRLQGKSQPGGLEQSGGCWNMNSGNSWGSLLVFSRHLRVYEKIL
TPIWPSSTDLEKPHEMLFLNVILFSLTVFTLISTAHTLDRAVRSDWLLLVLIIYACLEELIP
ELIFNLVCQGNATLFFTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name EPSTI1 epithelial stromal interaction 1 [Homo sapiens (human)]

Official Symbol EPSTI1

Synonyms EPSTI1; epithelial stromal interaction 1 (breast); epithelial-stromal interaction protein 1; BRESI1; epithelial stromal interaction protein 1; MGC29634;

Gene ID 94240

mRNA Refseq NM_001002264

Protein Refseq NP_001002264

MIM 607441

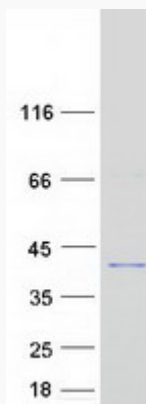
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UniProt ID

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