

Recombinant Human EPSTI1 Protein, GST-tagged

Cat. No. EPSTI1-3432H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human EPSTI1 full-length ORF (NP_001002264.1, 1 a.a. - 410 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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). [provided by RefSeq, Sep 2016]
Molecular Mass	73.9 kDa
AA Sequence	MNTRNRVVNSGLGASPARPTRDPQDPSGRQGELSPVEDQREGLEAAPKGPSRE SVVHAGQRRTSAYTLIAPNINRRNEIQRIAEQELANLEKWKEQNRAPVHLVPRRLG GSQSETEVRQKQQLQLMQSKYKQKLKREESVRIKKEAEEAELQKMKAIQREKSNKL EEKKRLQENLRREAFREHQQYKTAEFLSKLNTESPDRSACQSAVCGPQSSTWKLPI LPRDHSWARSWAYRDSLKAEENRKLQKMKDEQHQQSELLELKRQQQEQRRAKIHQ

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TEHRRVNNAFLDRLQGKSQPGGLEQSGGCWNMNSGNSWGSLLVFSRHLRVYEKIL
TPIWPSSTDLEKPHEMLFLNVILFSLTVFTLISTAHTLDRAVRSDWLLLVLIIYACLEELIP
ELIFNLVCQGNATLFF

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name

EPSTI1 epithelial stromal interaction 1 (breast) [Homo sapiens]

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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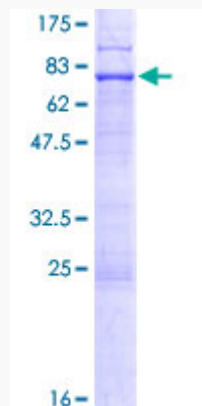
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UniProt ID

Q96J88

Quality Control
Testing



12.5% SDS-PAGE Stained with Coomassie Blue.

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