

Recombinant Full Length Human EPSTI1 Protein, GST-tagged

Cat. No. EPSTI1-4414HF **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	In Vitro Cell Free System
ProteinLength	410 amino acids
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	MNTRNRVVNSGLGASRPSTRDPQDPGRQGELESPVEDQREGLEAAPKGPSRE SVVHAGQRRTSAYTLIAPNINRRNEIQRIAEQELANLEKWKEQNRAKPVHLVPRRLG GSQSETEVRQKQQLQLMQSKYKQKLKREESVRIKKEAEEAELQKMKAIQREKSNKL EEKKRLQENLRREAFREHQYKTAEFSLKLNTESPDRSACQSAVCGPQSSTWKLPI

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LPRDHSWARSWAYRDSLKAEENRKLQKMKDEQHQKSELLELKRQQQEQUERAKIHQ
TEHRRVNN AFLDRLQGKSQPGGLEQSGGCWNNMNSGNSWGSLLVFSRHLRVYEKIL
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](#)

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MIM	607441
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UniProt ID	Q96J88
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