# Recombinant Human EPSTI1 Protein, GST-tagged

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

## SPECIFICATION

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| **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** | MNTRNRVVNSGLGASPASRPTRDPQDPSGRQGELSPVEDQREGLEAAPKGPSRE SVVHAGQRRTSAYTLIAPNINRRNEIQRIAEQELANLEKWKEQNRAKPVHLVPRRLG GSQSETEVRQKQQLQLMQSKYKQKLKREESVRIKKEAEEAELQKMKAIQREKSNKL EEKKRLQENLRREAFREHQQYKTAEFLSKLNTESPDRSACQSAVCGPQSSTWKLPI LPRDHSWARSWAYRDSLKAEENRKLQKMKDEQHQKSELLELKRQQQEQERAKIHQ |

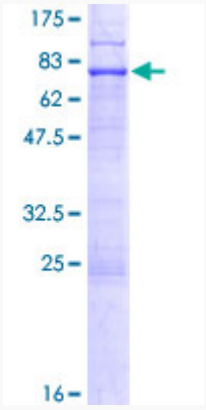
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| | TEHRRVNNAFLDRLQGKSQPGGLEQSGGCWNMNSGNSWGSLLVFSRHLRVYEKIL TPIWPSSTDLEKPHEMLFLNVILFSLTVFTLISTAHTLDRAVRSDWLLLVLIYACLEELIP ELIFNLYCQGNATLFF |
| **Applications** | Enzyme-linked Immunoabsorbent Assay<br>Western Blot (Recombinant protein)<br>Antibody Production<br>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

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| **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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| **UniProt ID** | Q96J88 |
| **Quality Control Testing** | <br>12.5% SDS-PAGE Stained with Coomassie Blue. |

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