

# Recombinant Human Estrogen Receptor Binding Site Associated, Antigen, 9, His-tagged

Cat. No. EBAG9-385H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Recombinant human EBAG9 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography techniques, 23.4 kDa (207 aa).
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>Description</b>	Estrogen receptor binding site associated antigen 9, also known as EBAG9, is a type III transmembrane protein that is predominantly located in the Golgi. This protein is a tumor-associated antigen that is expressed at high frequency in a variety of cancers, such as advanced breast and prostate cancers. As the EBAG9 acts to inhibit the growth of receptor-binding cells and induced apoptosis of immune cells, cancer cells might evade immune surveillance. So immunodetection of EBAG9 expression can be a negative prognostic indicator.
<b>Sequences of amino acids</b>	MGSSHHHHHH SSGLVPRGSH MRSGRGRKLS GDQITLPTTV DYSSVPKQTD VEEWTSWDED APTSVKIEGG NGNVATQQNS LEQLEPDYFK DMTPTIRKTQ KIVIKKREPL NFGIPDGSTG FSSRLAATQD LPFIHQSSSEL GDLDTWQENT NAWEEEEEDAA WQAEEVLRQQ KLADREKRAA EQQRKKMEKE AQRLMKKEQN KIGVKLS
<b>Formulation</b>	Liquid in 20 mM Tris pH 8.0, 1 mM DTT, 2 mM EDTA, 10% glycerol

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<b>Purity</b>	> 90% by SDS - PAGE
<b>Concentration</b>	1 mg/ml (determined by Bradford assay)
<b>Storage</b>	Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.
<b>GENE INFORMATION</b>	
<b>Gene Name</b>	EBAG9 estrogen receptor binding site associated, antigen, 9 [ Homo sapiens ]
<b>Synonyms</b>	EBAG9; estrogen receptor binding site associated, antigen, 9; EB9; PDAF; RCAS1; estrogen receptor binding site associated antigen 9; cancer associated surface antigen; Receptor-binding cancer antigen expressed on SiSo cells; Cancer-associated surface antigen RCAS1; Estrogen receptor-binding fragment-associated gene 9 protein
<b>Gene ID</b>	9166
<b>mRNA Refseq</b>	NM_004215
<b>Protein Refseq</b>	NP_004206
<b>MIM</b>	605772
<b>UniProt ID</b>	O00559
<b>Chromosome Location</b>	8q23
<b>Function</b>	apoptotic protease activator activity

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