

# Recombinant Human EBAG9 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. EBAG9-5867H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	EBAG9 MS Standard C13 and N15-labeled recombinant protein (NP_004206) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	<p>This gene was identified as an estrogen-responsive gene. Regulation of transcription by estrogen is mediated by estrogen receptor, which binds to the estrogen-responsive element found in the 5'-flanking region of this gene. The encoded protein is a tumor-associated antigen that is expressed at high frequency in a variety of cancers. Alternate splicing results in multiple transcript variants. A pseudogene of this gene has been defined on chromosome 10.</p>
<b>Molecular Mass</b>	24.4 kDa
<b>AA Sequence</b>	<p>MAITQFRLFKFCTCLATVFSFLKRLICRSGRGRKLSGDQITLPTTVDYSSVPKQTDVE            EWTSWDEDAPTSVKIEGGNGNVATQQNSLEQLEPDYFKDMTPTIRKTQKIVIKKREP            LNFGIPDGSTGFSSRLAATQDLPIHQSSSELGLDWTQENTNAWEEEEEDAAWQAE            VLRQQKLADREKRAAEQQRKKMEKEAQRMLMKKEQNKIGVKLSTRTRPLEQKLISEE            DLAANDILDYKDDDDKV</p>
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

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<b>Stability</b>	Stable for 3 months from receipt of products under proper storage and handling conditions.
<b>Storage</b>	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
<b>Concentration</b>	50 µg/mL as determined by BCA
<b>Storage Buffer</b>	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

<b>Gene Name</b>	EBAG9 estrogen receptor binding site associated antigen 9 [ Homo sapiens (human) ]
<b>Official Symbol</b>	EBAG9
<b>Synonyms</b>	EBAG9; estrogen receptor binding site associated, antigen, 9; receptor-binding cancer antigen expressed on SiSo cells; EB9; RCAS1; cancer associated surface antigen; cancer-associated surface antigen RCAS1; estrogen receptor-binding fragment-associated gene 9 protein; PDAF;
<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

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SDS-PAGE



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