

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

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

SPECIFICATION

Product Overview	EBAG9 MS Standard C13 and N15-labeled recombinant protein (NP_004206) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	24.4 kDa
AA Sequence	MAITQFRLFKFCTCLATVFSFLKRLICRSGRGRKLSGDQITLPTTVDYSSVPKQTDVE EWTSWDEDAPTSVKIEGGNGNVATQQNSLEQLEPDYFKDMTPTIRKTQKIVIKKREP LNFGIPDGSTGFSSRLAATQDLPIHQSSSELGDLDTWQENTNAWEEEEEDAAWQAEE VLRQQKLADREKRAAEQQRKKMEKEAQRLMKKEQNKIGVKLSTRTRPLEQKLISEE DLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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

GENE INFORMATION

Gene Name	EBAG9 estrogen receptor binding site associated antigen 9 [Homo sapiens (human)]
Official Symbol	EBAG9
Synonyms	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;
Gene ID	9166
mRNA Refseq	NM_004215
Protein Refseq	NP_004206
MIM	605772
UniProt ID	O00559

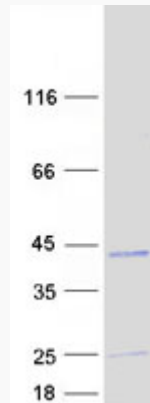
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SDS-PAGE



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