

# **Product datasheet for TP305364**

#### OriGene Technologies, Inc.

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### EBAG9 (NM\_004215) Human Recombinant Protein

**Product data:** 

**Product Type:** Recombinant Proteins

**Description:** Recombinant protein of human estrogen receptor binding site associated, antigen, 9 (EBAG9),

transcript variant 1, 20 µg

Species: Human Expression Host: HEK293T

**Expression cDNA** >RC205364 protein sequence **Clone or AA** Red=Cloning site Green=Tags(s)

Sequence:

MAITQFRLFKFCTCLATVFSFLKRLICRSGRGRKLSGDQITLPTTVDYSSVPKQTDVEEWTSWDEDAPTS VKIEGGNGNVATQQNSLEQLEPDYFKDMTPTIRKTQKIVIKKREPLNFGIPDGSTGFSSRLAATQDLPFI HQSSELGDLDTWQENTNAWEEEEDAAWQAEEVLRQQKLADREKRAAEQQRKKMEKEAQRLMKKEQNKIGV

KLS

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV** 

Tag: C-Myc/DDK
Predicted MW: 24.2 kDa

**Concentration:** >0.05 μg/μL as determined by microplate BCA method

**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol

**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional

chromatography steps.

**Note:** For testing in cell culture applications, please filter before use. Note that you may experience

some loss of protein during the filtration process.

Storage: Store at -80°C.

Stability: Stable for 12 months from the date of receipt of the product under proper storage and handling

conditions. Avoid repeated freeze-thaw cycles.

**RefSeq:** NP 004206

**Locus ID:** 9166



#### EBAG9 (NM\_004215) Human Recombinant Protein - TP305364

UniProt ID: <u>000559</u>, <u>A0A024R9E0</u>

RefSeq Size: 2495 Cytogenetics: 8q23.2 RefSeq ORF: 639

**Synonyms:** EB9; PDAF

Summary: This gene was identified as an estrogen-responsive gene. Regulation of transcription by estrogen

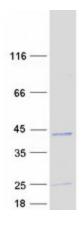
is mediated by estrogen receptor, which binds to the estrogen-responsive element found in the 5'-flanking region of this gene. The encoded protein is a tumor-associated antigen that is expressed at high frequency in a variety of cancers. Alternate splicing results in multiple

transcript variants. A pseudogene of this gene has been defined on chromosome 10. [provided by

RefSeq, Jul 2013]

**Protein Families:** Druggable Genome

## **Product images:**



Coomassie blue staining of purified EBAG9 protein (Cat# TP305364). The protein was produced from HEK293T cells transfected with EBAG9 cDNA clone (Cat# [RC205364]) using MegaTran 2.0 (Cat# [TT210002]).