

Datasheet for ABIN3388393

## Human BAGE5 cDNA Clone in Mammalian Expression Vector

### Overview

Quantity:	10 µg
Gene:	BAGE5
Species:	Human
Insert:	cDNA
Vector:	Mammalian Expression Vector
Application:	Protein Expression (PEXP)

### Product Details

Purpose:	Untagged full-length cDNA clone from Human BAGE5 is ideal for over-expression of native protein for functional studies.
Brand:	TrueClones®
Insert Length:	300 bp
Vector Backbone:	pCMV6-XL5
Promoter:	Enhanced CMV Promoter, T7 Promoter
Bacterial Resistance:	Ampicillin
Expression Type:	Transient
Characteristics:	<ul style="list-style-type: none"> <li>• These cDNA clones are isolated from full-length cDNA libraries and usually contain the coding sequence as well as the untranslated regions (UTRs) of the mRNA transcript appropriate to the library from which they were isolated.</li> <li>• These cDNA clones are ideal for over-expression of native proteins for functional studies. Provided as 10 µg transfection-ready plasmids.</li> <li>• Every lot of primer is tested to provide clean sequencing of cDNA clones.</li> </ul>
Purification:	The DNAs were purified using PowerPrep HP Plasmid isolation kits for transfection ready plasmids.

Order at [www.genomics-online.com](http://www.genomics-online.com)

USA & Canada: +1 877 302 8632 | [support@antibodies-online.com](mailto:support@antibodies-online.com)

## Product Details

---

Sequencing Primer: VP1.5 (forward) 5'GGACTTTCCAAAATGTTCG 3', XL39 (reverse) 5'ATTAGGACAAGGCTGGTGGG 3'

---

Components:

- The cDNA clone is shipped in a 2-D bar-coded Matrix tube as dried plasmid DNA.
- The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

---

## Target Details

---

Gene: BAGE5

---

Alternative Name: BAGE5 ([BAGE5 Products](#))

---

Background: Unknown. Candidate gene encoding tumor antigens. [UniProtKB/Swiss-Prot Function]

---

NCBI Accession: [NM\\_182484](#), [NP\\_872290](#)

---

## Application Details

---

Restrictions: For Research Use only

---

## Handling

---

Format: Lyophilized

---

Storage: RT,-20 °C

---

Storage Comment: The lyophilized plasmid is stable for up to one year when stored at ambient temperature. Following dissolution in 100 µL dH<sub>2</sub>O, store at -20 °C. Lyophilized primers are stable for up to one year when stored at ambient temperature. Following dissolution in 10 µL dH<sub>2</sub>O, store at -20 °C.

---

Expiry Date: 12 months

---

## Publications

---

Product cited in: Yang, Zhang, Lian, Haig, Bhattacharjee, Jevnikar: "IL-37 inhibits IL-18-induced tubular epithelial cell expression of pro-inflammatory cytokines and renal ischemia-reperfusion injury." in: **Kidney international**, Vol. 87, Issue 2, pp. 396-408, (2015) ([PubMed](#)).