

## Product datasheet

# Recombinant Eastern Equine Encephalitis Virus E3E2 protein (His tag) ab230255

[3 Images](#)

### Description

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|                                   |  |
|-----------------------------------|--|
| <b>Product name</b>               | Recombinant Eastern Equine Encephalitis Virus E3E2 protein (His tag) |
| <b>Expression system</b>          | Baculovirus infected Sf9 cells                                       |
| <b>Accession</b>                  | <a href="#">A0A140H3W4</a>   |
| <b>Protein length</b>             | Full length protein  |
| <b>Animal free</b>                | No   |
| <b>Nature</b>                     | Recombinant  |
| <b>Predicted molecular weight</b> | 50 kDa including tags  |
| <b>Tags</b>                       | His tag C-Terminus   |

### Specifications

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Our [Abpromise guarantee](#) covers the use of **ab230255** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

|                     |                                   |
|---------------------|-----------------------------------|
| <b>Applications</b> | SDS-PAGE<br>Western blot<br>ELISA |
| <b>Form</b>         | Liquid                            |

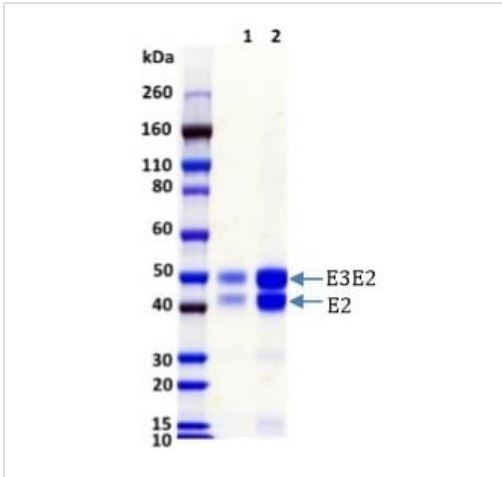
### Preparation and Storage

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|                              |  |
|------------------------------|--|
| <b>Stability and Storage</b> | Shipped at 4°C. Store at -20°C or -80°C. Avoid freeze / thaw cycle.<br>Constituent: PBS<br><br>(supplemented with glycerol, arginine and glutamic acid). |
|------------------------------|--|

### Images

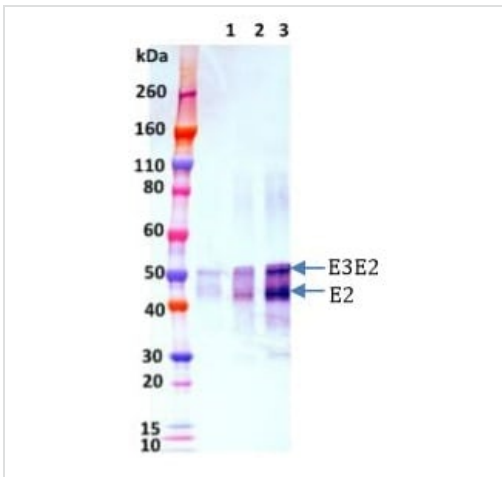
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SDS-PAGE - Recombinant Eastern Equine Encephalitis Virus E3E2 protein (His tag) (ab230255)

SDS-PAGE analysis of 1  $\mu$ g and 5  $\mu$ g (lanes 1-2) of ab230255 under denaturing and reducing conditions.

Two prominent bands: E3E2 at ~50 kDa and cleaved E2 at ~40 kDa.



Western blot - Recombinant Eastern Equine Encephalitis Virus E3E2 protein (His tag) (ab230255)

**All lanes** : anti-EEEV E2 rabbit polyclonal antibody at 0.5  $\mu$ g/ml

**Lane 1** : Recombinant Eastern Equine Encephalitis Virus E3E2 protein (His tag) (ab230255) at 0.05  $\mu$ g

**Lane 2** : Recombinant Eastern Equine Encephalitis Virus E3E2 protein (His tag) (ab230255) at 0.1  $\mu$ g

**Lane 3** : Recombinant Eastern Equine Encephalitis Virus E3E2 protein (His tag) (ab230255) at 0.2  $\mu$ g

**Secondary**

**All lanes** : anti-rabbit IgG HRP conjugate

Followed by TMB substrate.

**ELISA Data:**

| Antigen coating Concentration in ng/well | OD 650 nm |
|--|-----------|
| 800.000                                  | 3.795     |
| 400.000                                  | 3.739     |
| 200.000                                  | 3.603     |
| 100.000                                  | 2.930     |
| 50.000                                   | 1.726     |
| 25.000                                   | 0.610     |
| 12.500                                   | 0.221     |
| 6.250                                    | 0.119     |
| 3.125                                    | 0.073     |
| 1.563                                    | 0.058     |
| 0.781                                    | 0.073     |
| 0.391                                    | 0.055     |

Plate was coated with ab230255 starting at 800 ng/well, serially diluted in DPBS. Washed plate was detected using Rabbit Anti-EEEV E2 pAb at 1 µg/mL. OD<sub>650</sub> is reported.

ELISA - Recombinant Eastern Equine Encephalitis  
Virus E3E2 protein (His tag) (ab230255)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

**Our Abpromise to you: Quality guaranteed and expert technical support**

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- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
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