

Datasheet for ABIN2714236  
**eIF4EBP2 Protein (Myc-DYKDDDDK Tag)**



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1 Image

## Overview

|                               |                                                          |
|-------------------------------|----------------------------------------------------------|
| Quantity:                     | 20 µg                                                    |
| Target:                       | eIF4EBP2 (EIF4EBP2)                                      |
| Origin:                       | Human                                                    |
| Source:                       | HEK-293 Cells                                            |
| Protein Type:                 | Recombinant                                              |
| Purification tag / Conjugate: | This eIF4EBP2 protein is labelled with Myc-DYKDDDDK Tag. |
| Application:                  | Antibody Production (AbP), Standard (STD)                |

## Product Details

|                  |                                                                                                                                                               |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Characteristics: | <ul style="list-style-type: none"><li>• Recombinant human 4E-BP2 protein expressed in HEK293 cells.</li><li>• Produced with end-sequenced ORF clone</li></ul> |
|------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------|

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

## Target Details

|         |                     |
|---------|---------------------|
| Target: | eIF4EBP2 (EIF4EBP2) |
|---------|---------------------|

|                   |                                              |
|-------------------|----------------------------------------------|
| Alternative Name: | 4e-Bp2 ( <a href="#">EIF4EBP2 Products</a> ) |
|-------------------|----------------------------------------------|

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Background: | This gene encodes a member of the eukaryotic translation initiation factor 4E binding protein family. The gene products of this family bind eIF4E and inhibit translation initiation. However, insulin and other growth factors can release this inhibition via a phosphorylation-dependent disruption of their binding to eIF4E. Regulation of protein production through these gene products have been implicated in cell proliferation, cell differentiation and viral infection. |
|-------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Target Details

Molecular Weight: 12.8 kDa

NCBI Accession: [NP\\_004087](#)

## Application Details

Application Notes: Recombinant human proteins can be used for:  
Native antigens for optimized antibody production  
Positive controls in ELISA and other antibody assays

Comment: The tag is located at the C-terminal.

Restrictions: For Research Use only

## Handling

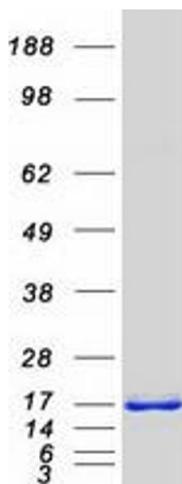
Concentration: 50 µg/mL

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

Storage: -80 °C

Storage Comment: Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.

## Images



### Western Blotting

**Image 1.** Validation with Western Blot