

Datasheet for ABIN2720014  
**EGFR Protein (DYKDDDDK-His Tag)**



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1 Image

## Overview

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

## Product Details

|                  |                                                                                                                                                                        |
|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Characteristics: | <ul style="list-style-type: none"> <li>• Recombinant human EGFR / ERBB1 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:           | EGFR                                                                                                                                                         |
| Alternative Name: | Egfr,erbb1 ( <a href="#">EGFR Products</a> )                                                                                                                 |
| Background:       | Isoform 2 may act as an antagonist of EGF action. [UniProtKB/Swiss-Prot Function]                                                                            |
| Molecular Weight: | 71 kDa                                                                                                                                                       |
| NCBI Accession:   | <a href="#">NP_005219</a>                                                                                                                                    |
| Pathways:         | <a href="#">NF-kappaB Signaling</a> , <a href="#">RTK Signaling</a> , <a href="#">Fc-epsilon Receptor Signaling Pathway</a> , <a href="#">EGFR Signaling</a> |

Target Details

Pathway, Neurotrophin Signaling Pathway, Stem Cell Maintenance, Hepatitis C, Positive Regulation of Response to DNA Damage Stimulus, Interaction of EGFR with phospholipase C-gamma, Thromboxane A2 Receptor Signaling, EGFR Downregulation, S100 Proteins

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

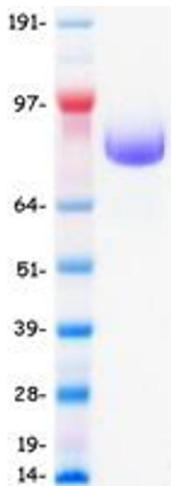
Concentration: 50 µg/mL

Buffer: 1 x PBS, pH 7.4, 10 % glycerol. Store at -80C. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.

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