

Datasheet for ABIN7274528  
**EGFR Protein (AA 25-645) (FITC,His-Avi Tag)**



[Go to Product page](#)

1 Image

## Overview

Quantity:	100 µg
Target:	EGFR
Protein Characteristics:	AA 25-645
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This EGFR protein is labelled with FITC,His-Avi Tag.

## Product Details

Purpose:	FITC-Labeled Human EGFR/HER1 Protein
Sequence:	Leu25-Ser645
Characteristics:	Recombinant FITC-Labeled Human EGFR/HER1 Protein is expressed from HEK293 with His tag and Avi tag at the C-Terminus.It contains Leu25-Ser645.
Purity:	> 95 % as determined by Tris-Bis PAGE
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	EGFR
Alternative Name:	EGFR ( <a href="#">EGFR Products</a> )

## Target Details

---

**Background:** The epidermal growth factor receptor is a transmembrane protein that is a receptor for members of the epidermal growth factor family of extracellular protein ligands. The epidermal growth factor receptor is a member of the ErbB family of receptors, a subfamily of four closely related receptor tyrosine kinases: EGFR, HER2/neu, Her 3 and Her 4. Receptor tyrosine kinase binding ligands of the EGF family and activating several signaling cascades to convert extracellular cues into appropriate cellular responses.

**Molecular Weight:** 71.5 kDa. Due to glycosylation, the protein migrates to 90-115 kDa based on Tris-Bis PAGE result.

**Pathways:** [NF-kappaB Signaling](#), [RTK Signaling](#), [Fc-epsilon Receptor Signaling Pathway](#), [EGFR Signaling 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

---

**Restrictions:** For Research Use only

## Handling

---

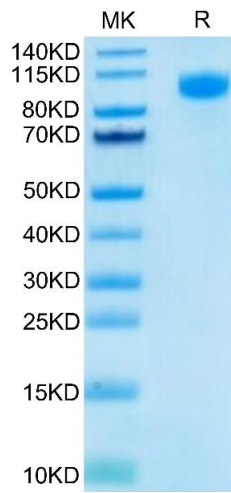
**Format:** Liquid

**Buffer:** Supplied as 0.22µm filtered solution in PBS ( pH 7.4).

**Storage:** -80 °C

**Storage Comment:** Valid for 12 months from date of receipt when stored at -80°C., Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

**Expiry Date:** 12 months



### SDS-PAGE

**Image 1.** FITC-Labeled Human EGFR/HER1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95 % .