

## Recombinant FITC-Labeled Human EGFR/HER1 Protein, His-Avi

### Tag

#### 产品信息

产品名称	产品编号	规格
Recombinant FITC-Labeled Human EGFR/HER1 Protein, His-Avi Tag	93223ES60	100 µg

#### 产品描述

The EGFR subfamily of receptor tyrosine kinases comprises four members: EGFR ( HER-1), ErbB2, ErbB3, and ErbB4. EGFR binds a subset of the EGF family ligands, including EGF, amphiregulin, TGF- $\alpha$ , betacellulin, epiregulin, HB-EGF, and epigen . Ligand binding induces EGFR homodimerization as well as heterodimerization with ErbB2, resulting in kinase activation, heterodimerization tyrosine phosphorylation and cell signaling.

#### 产品性质

<b>Synonyms</b>	ErbB; EC 2.7.10; EC 2.7.10.1; EGFR; mENA; LEGFR; ERBB; ERBB1; HER1; PIG61; NISBD2
<b>Uniprot No.</b>	P00533-1
<b>Source</b>	Recombinant FITC-Labeled Human EGFR/HER1 Protein is expressed from HEK293 Cells with His tag and Avi tag at the C-terminal. It contains Leu25-Ser645.
<b>Molecular Weight</b>	The protein has a predicted MW of 71.5 kDa. Due to glycosylation, the protein migrates to 90-115 kDa based on Tris-Bis PAGE result.
<b>Purity</b>	> 95% as determined by SDS-PAGE.
<b>Endotoxin</b>	< 1.0 EU per 1µg of the protein by the LAL method.
<b>Formulation</b>	Supplied as 0.22µm filtered solution in PBS (pH 7.4).

#### 运输与保存方法

The products are shipped with ice pack and can be stored at -80°C for 1 year.

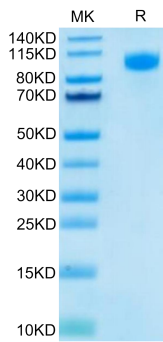
Recommend to aliquot the protein into smaller quantities for optimal storage. Please avoid freeze-thaw cycles.

#### 注意事项

1. For your safety and health, please wear lab coats and disposable gloves for operation.
2. For research use only!

## 产品数据

### Tris-Bis PAGE



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