

# Recombinant Human EGFR protein ,C- His tag

CatalogNo: YD2235

## **Key Features**

Reactivity

Human

#### Recommended Dilution Ratios

Reconstitute in sterile water for a stock solution

## Storage

Storage\* Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 °C

for one week . Store at -20 to -80 °C for twelve months from the date of receipt.

**Formulation** Supplied as solution form in PBS pH 7.5./ Lyophilized from PBS pH 7.5.

## **Basic Information**

**Source** Mammalian cells

**Purification** Mammalian cells

**Purity** >90% as determined by SDS-PAGE

## Immunogen Information

**Squence** A DNA sequence encoding the human EGFR(Met1-Ser645) was fused with the C-terminal

His tag

## | Target Information

Protein Name	Organism	Gene ID	UniProt ID	
	Human	<u>1956;</u>	<u>P00533;</u>	
	Mouse	<u>13649;</u>	Q01279;	

#### Cellular Localization

Cell membrane; Single-pass type I membrane protein. Endoplasmic reticulum membrane; Single-pass type I membrane protein. Golgi apparatus membrane; Single-pass type I membrane protein. Nucleus membrane; Single-pass type I membrane protein. Endosome. Endosome membrane. Nucleus. In response to EGF, translocated from the cell membrane to the nucleus via Golgi and ER (PubMed:20674546, PubMed:17909029). Endocytosed upon activation by ligand (PubMed:2790960, PubMed:17182860, PubMed:27153536, PubMed:17909029). Colocalized with GPER1 in the nucleus of estrogen agonist-induced cancer-associated fibroblasts (CAF) (PubMed:20551055)..; [Isoform 2]: Secreted.

**Tissue specificity** Ubiquitously expressed. Isoform 2 is also expressed in ovarian cancers.

#### **Validation Data**

#### Contact information

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Recombinant

Human EGFR

protein ,C- His tag

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