

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

Sequence 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	1956 ;	P00533 ;
Mouse	13649 ;	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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