

Recombinant Human EGFR protein ,C- His tag

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| Catalog No : | YD2235 |
| Reactivity : | Human |
| Purity : | >90% as determined by SDS-PAGE |
| In Vivo : | |
| Sequence : | A DNA sequence encoding the human EGFR(Met1-Ser645) was fused with the C-terminal His tag |
| Human Swiss Prot No : | P00533 |
| Formulation : | Supplied as solution form in PBS pH 7.5./ Lyophilized from PBS pH 7.5. |
| Source : | Mammalian cells |
| Dilution : | Reconstitute in sterile water for a stock solution |
| Concentration : | >90% as determined by SDS-PAGE |
| Storage Stability : | 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. |
| Subcellular Location : | 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. |
| Expression : | Ubiquitously expressed. Isoform 2 is also expressed in ovarian cancers. |



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