

Recombinant Human FGFR1 protein ,C- His Tag

CatalogNo: YD2230

Key Features

Reactivity

- Human

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.

Recommended Dilution Ratios

Reconstitute in sterile water for a stock solution

Basic Information

Source Mammalian cells

Purification Mammalian cells

Purity >90% as determined by SDS-PAGE

Immunogen Information

Sequence A DNA sequence encoding the human FGFR1(Met1-Glu285) was fused with the C-terminal His Tag

Target Information

Gene name FGFR1 BFGFR CEK FGFBR FLG FLT2 HBGFR

Protein Name Fibroblast growth factor receptor 1

Organism

Human

Gene ID

[2260](#);

UniProt ID

[P11362](#);

Cellular Localization

Cell membrane; Single-pass type I membrane protein. Nucleus. Cytoplasm, cytosol. Cytoplasmic vesicle. After ligand binding, both receptor and ligand are rapidly internalized. Can translocate to the nucleus after internalization, or by translocation from the endoplasmic reticulum or Golgi apparatus to the cytosol, and from there to the nucleus.

Tissue specificity

Detected in astrocytoma, neuroblastoma and adrenal cortex cell lines. Some isoforms are detected in foreskin fibroblast cell lines, however isoform 17, isoform 18 and isoform 19 are not detected in these cells.

Function

Receptor for basic fibroblast growth factor. Receptor for FGF23 in the presence of KL (By similarity). A shorter form of the receptor could be a receptor for FGF1 (aFGF).

| Validation Data

| Contact information

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Recombinant Human FGFR1 protein ,C- His Tag

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