

EGF-FC recombinant protein

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| Catalog No : | YD3048 |
| Reactivity : | Human; |
| Purity : | >90% as determined by SDS-PAGE |
| Gene Name : | EGF |
| Protein Name : | Pro-epidermal growth factor (EGF) [Cleaved into: Epidermal growth factor (Urogastrone)] |
| Sequence : | Amino acid:23-1032,with FC tag. |
| Human Gene Id : | 1950 |
| Human Swiss Prot No : | P01133 |
| Formulation : | Phosphate-buffered solution |
| Source : | Mammalian cells |
| Storage Stability : | -15°C to -25°C/1 year(Avoid freeze / thaw cycles) |
| Function : | EGF stimulates the growth of various epidermal and epithelial tissues in vivo and in vitro and of some fibroblasts in cell culture. Magnesiotropic hormone that stimulates magnesium reabsorption in the renal distal convoluted tubule via engagement of EGFR and activation of the magnesium channel TRPM6. Can induce neurite outgrowth in motoneurons of the pond snail <i>Lymnaea stagnalis</i> in vitro (PubMed:10964941). |
| Subcellular Location : | Membrane; Single-pass type I membrane protein. |
| Expression : | Expressed in kidney, salivary gland, cerebrum and prostate. |

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