

EGF-FC recombinant protein

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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