

EGF recombinant protein

CatalogNo: YD3048

| Key Features

Reactivity

- Human,

| Recommended Dilution Ratios

| Storage

Storage* -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

Formulation Phosphate-buffered solution

| Basic Information

Source Mammalian cells

Purification Mammalian cells

Purity >90% as determined by SDS-PAGE

| Immunogen Information

Sequence Amino acid:23-1032,with human FC tag.

| Target Information

Gene name EGF

Protein Name	Pro-epidermal growth factor (EGF) [Cleaved into: Epidermal growth factor (Urogastrone)]		
	Organism	Gene ID	UniProt ID
	Human	1950;	P01133;
Cellular Localization	Membrane; Single-pass type I membrane protein.		
Tissue specificity	Expressed in kidney, salivary gland, cerebrum and prostate.		
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).		

| Validation Data

| Contact information

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 protein**

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