

# Recombinant Full Length Human EREG Protein, GST-tagged

Cat. No. EREG-4564HF    Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	Human EREG full-length ORF ( NP_001423.1, 1 a.a. - 169 a.a.) recombinant protein with GST-tag at N-terminal.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>Protein Length</b>	169 amino acids
<b>Description</b>	This gene encodes a secreted peptide hormone and member of the epidermal growth factor (EGF) family of proteins. The encoded protein is a ligand of the epidermal growth factor receptor (EGFR) and the structurally related erb-b2 receptor tyrosine kinase 4 (ERBB4). The encoded protein may be involved in a wide range of biological processes including inflammation, wound healing, oocyte maturation, and cell proliferation. Additionally, the encoded protein may promote the progression of cancers of various human tissues. [provided by RefSeq, Jul 2015]
<b>Molecular Mass</b>	45.4 kDa
<b>AA Sequence</b>	MTAGRRMEMLCAGRVPALLLCLGFHLLQAVLSTTVIPSCIPGESSDNCTALVQTEDN PRVAQVSITKCSSDMNGYCLHGQCIIYLVDMSQNYCRCEVGYTGVRCEHFFLTVHQ PLSKEYVALTVILILFLITVVGSTYYFCRWYRNRKSKEPKKEYERTVSGDPELPQV
<b>Applications</b>	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein)

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Antibody Production  
Protein Array

**Notes**

Best use within three months from the date of receipt of this protein.

**Storage**

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

**Storage Buffer**

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

**GENE INFORMATION****Gene Name**

EREG epiregulin [ Homo sapiens ]

**Official Symbol**

EREG

**Synonyms**

EREG; epiregulin; proepiregulin; ER;

**Gene ID**

2069

**mRNA Refseq**

NM\_001432

**Protein Refseq**


NP\_001423

**MIM**

602061

**UniProt ID**

O14944

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