

Recombinant Full Length Human EREG Protein, GST-tagged

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

SPECIFICATION

Product Overview	Human EREG full-length ORF (NP_001423.1, 1 a.a. - 169 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	169 amino acids
Description	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]
Molecular Mass	45.4 kDa
AA Sequence	MTAGRRMEMLCAGRVPALLLCLGFHLLQAVLSTTVIPSCIPGESSDNCTALVQTEDN PRVAQVSITKCSSDMNGYCLHGQCIIYLVDMSQNYCRCEVGTYGVRCEHFFLTVHQ PLSKEYVALTVILILFLITVVGSTYYFCRWYRNRSKEPKKEYERTSGDPELPQV
Applications	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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