

## **EREG recombinant protein**

Human EREG Protein, hFc Tag

CATALOG #  
**AAA47491**

HOST  
**HEK293 cells**

### **PRODUCT SYNONYMS**

EREG; Human EREG Protein; hFc Tag; Ep; EPR; ER; EREG recombinant protein

### **PRODUCT SPECIFICATIONS**

|                         |                                                                                                              |
|-------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                    | HEK293 cells                                                                                                 |
| Purity/Purification     | >95%; affinity purification                                                                                  |
| Form/Format             | Lyophilized from sterile PBS, pH7.4. Normally 5%-8% trehalose is added as protectants before lyophilization. |
| Sequence                | EREG(Val63 -Leu108)+h Fc(Glu99-A Ia330)                                                                      |
| Species                 | Human                                                                                                        |
| Tag                     | C-Human Fc tag                                                                                               |
| Reconstitution          | Reconstitute with deionized water                                                                            |
| Preparation and Storage | Store at -80 degree C for 12 months (Avoid repeated freezing and thawing)                                    |

### **IMAGES**

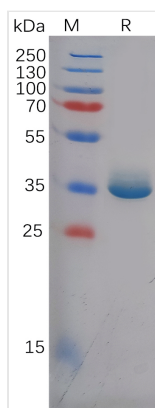

**SDS-PAGE**

Figure 1. Human EREG Protein, hFc Tag on SDS-PAGE under reducing condition.

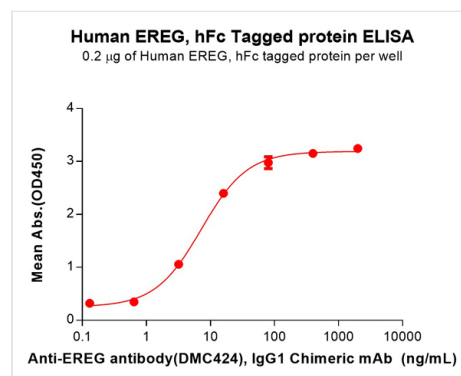

**ELISA**

Figure 1. Human EREG Protein, hFc Tag on SDS-PAGE under reducing condition.

### **ADDITIONAL INFORMATION**

#### **Related Product Information for EREG recombinant protein**

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]

NCBI AND UNIPROT INFORMATION

|                                  |                             |
|----------------------------------|-----------------------------|
| NCBI GI #                        | 4557567                     |
| NCBI GeneID                      | 2069                        |
| NCBI Accession #                 | NP_001423.1                 |
| NCBI GenBank Nucleotide #        | NM_001432.2                 |
| UniProt Accession #              | O14944; Q6FH69; B2RC66      |
| Molecular Weight                 | 19,044 Da                   |
| NCBI Official Full Name          | proepiregulin preproprotein |
| NCBI Official Synonym Full Names | epiregulin                  |
| NCBI Official Symbol             | EREG                        |
| NCBI Official Synonym Symbols    | ER; Ep; EPR                 |
| NCBI Protein Information         | proepiregulin               |
| UniProt Protein Name             | Proepiregulin               |
| UniProt Gene Name                | <b>EREG</b>                 |
| UniProt Synonym Gene Names       | EPR                         |
| UniProt Entry Name               | EREG_HUMAN                  |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/ereg-recombinant-protein-hek293-cells/47491>