

## 32-17676: Recombinant Human EREG Protein, hFc Tag

**Uniprot ID :** O14944

**Alternative Name :** Ep, EPR, ER

### Description

Molecular Characterization: EREG(Val63-Leu108) hFc(Glu99-Ala330)

Molecular weight: The protein has a predicted molecular mass of 31.4 kDa after removal of the signal peptide. The apparent molecular mass of EREG-hFc is approximately 35-55 kDa due to glycosylation.

Description: Recombinant Human EREG with C-terminal human Fc tag

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.

### Product Info

**Amount :** 100 µg / 50 µg

**Content :** Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization.

**Storage condition :** Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).  
Lyophilized proteins are shipped at ambient temperature.