

HUMAN EREG PROTEIN, HFC TAG

目录: 11413

产品名称: Human EREG Protein

规格: 10 µg, 50 µg and 100 µg

基因符号: Ep;EPR;ER

Target: EREG

UNIPROT ID: O14944

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

背景: 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]

Species/Host: HEK293

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.

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

纯化: The purity of the protein is greater than 95% as determined by SDS-PAGE and Coomassie blue staining.

Formulation & Reconstitution: Lyophilized from nanodisc solubilization buffer (20 mM Tris-HCl, 150 mM NaCl, pH 8.0). Normally 5% – 8% trehalose is added as protectants before lyophilization.

储存和运输: 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.



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