

HUMAN EREG PROTEIN, HFC TAG

货号: 11413

产品全名: 人 EREG 蛋白

规格: 10/50/100 µg

基因符号 Ep;EPR;ER

目标蛋白: 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]

物种/宿主: HEK293

分子量: 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.

分子特征: 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.