

EGF, 63-108aa, Human, His tag, E.coli

Cat.NO.: TP02042

3th Edition

Synonyms:Proepiregulin, ER

Description:EGF, also known as epiregulin, is a member of the epidermal growth factor family. It can function as a ligand of EGFR (epidermal growth factor receptor), as well as a ligand of most members of the ERBB (v-erb-b2 oncogene homolog) family of tyrosine-kinase receptors. It may be a mediator of localized cell proliferation. As a mitogen it may stimulate cell proliferation and/or angiogenesis. Recombinant human EGF protein, fused to His-tag at N-terminus, was expressed in E.coli.

Form:Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

Molecular Weight:7.7 kDa(69aa)

Sequences:

MGSSHHHHHSSGLVPRGSHMGVSITKCSSDMNGYCLHGQCIYLVDMNQNYCRCEVGYTGVRCEHFFL

Purity:> 95% by HPLC

Concentration:0.5 mg/ml (determined by Bradford assay)

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.