

EGF 抗原（重组蛋白）

中文名称： EGF 抗原（重组蛋白）

英文名称： EGF Antigen (Recombinant Protein)

别名： epidermal growth factor; URG, HOMG4

相关类别： 抗原

储存： 冷冻（-20℃）

概述

Fusion protein corresponding to a region derived from 926-1026 amino acids of human EGF

技术规格

Full name:	epidermal growth factor
Synonyms:	URG, HOMG4
Swissprot:	P01133
Gene Accession:	BC113461
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
Background:	This gene encodes a member of the epidermal growth factor superfamily. The encoded protein is synthesized as a large precursor molecule that is proteolytically cleaved to generate the 53-amino acid epidermal growth factor peptide. This protein acts as a potent mitogenic factor that plays an important role in the growth, proliferation and differentiation of numerous cell types. This protein acts by binding the high affinity cell surface receptor, epidermal growth factor receptor. Defects in this gene are the cause of hypomagnesemia type 4. Dysregulation of this gene has been associated with the growth and progression of certain cancers. A

lternate splicing results in multiple transcript variants