

Corporate Alliance Ltd.

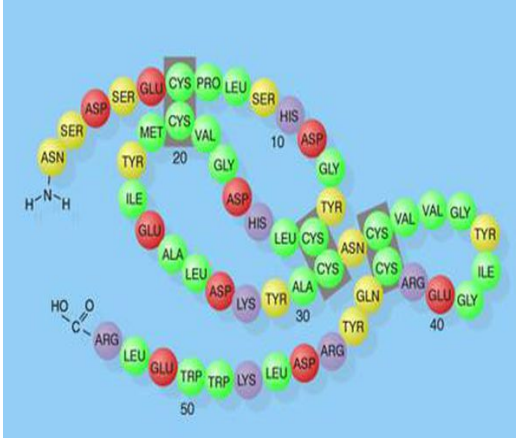


Fig.1 Amino acid sequence of hEGF

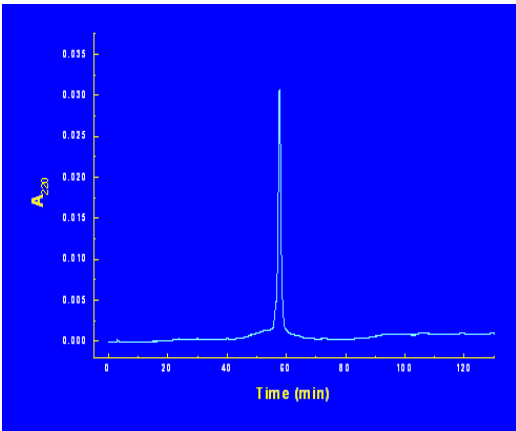
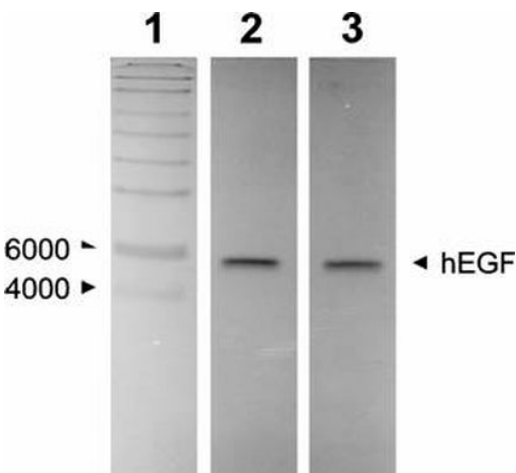


Fig.2 HPLC Profile of purified hEGF available from Corporate Alliance Ltd.



Human Epidermal Growth Factor (hEGF)

Human epidermal growth factor (hEGF) is a 53 amino acid polypeptide (Figures 1 & 2) found in our duodenum and salivary glands. It is capable of stimulating cell proliferation and differentiation of various epidermal tissues, such as epidermis of skin, gastrointestinal tract and cornea.

EGF was first isolated from the submaxillary gland of mouse in 1960 by Stanley Cohen, who won the Nobel Prize in Physiology and Medicine for his discovery and research on EGF in 1986. The first isolation of hEGF was from human urine in 1962.

The healing processes enhanced by hEGF are well documented in numerous applications. It acts as an active ingredient for promoting the repair of duodenal ulcer, hepatic injury and eye damage. It minimizes the effects of ureteral obstruction, assists the regeneration of nerve tissue and potentiates the effects of many anti-cancer drugs.

Its effects have been extended in commercial sector. Cosmetic and skincare products supplemented with hEGF available from Corporate Alliance Ltd. are able to regenerate the skin epidermis. It improves the texture and condition of the skin. Most importantly, it has passed various safety, toxicity and allergy tests and no adverse effects have been reported.

Our hEGF with native 53 amino acids primary structure matches the human original peptide with a purity of **99.8%**. We call it therefore *authentic: aEGF>99*.

Photo left:

Lane 1: Protein prestained markers; Lane 2: Commercial hEGF (5ug); Lane 3: hEGF purified in our lab (5ug)