

Recombinant Human IVL Protein

Cat. No. IVL-11H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human IVL was produced in E. coli.
Species	Human
Source	E.coli
Description	Involucrin, a component of the keratinocyte crosslinked envelope, is found in the cytoplasm and crosslinked to membrane proteins by transglutaminase. This gene is mapped to 1q21, among calpactin I light chain, trichohyalin, profilaggrin, loricrin, and calcyclin.
Form	Recombinant human involucrin is lyophilized from 50 mM Tris-HCl pH 8.
Molecular Mass	68 kDa
Purity	> 90% [SDS-PAGE and Coomassie staining]
Applications	Recombinant human involucrin may be used as transglutaminase substrate.
Storage	Storage is possible at ≤ -20 centigrade. Avoid freeze-thaw cycles. Delivery at ambient temperature is possible
Concentration	0.47 mg/ml
Reconstitution	Add the desired volume H ₂ O to the vial of lyophilized powder. Rotate vial gently until

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

solid dissolves. After reconstitution the solution should be cooled on ice for short term storage.

GENE INFORMATION

Gene Name IVL involucrin [Homo sapiens]

Official Symbol IVL

Synonyms IVL; involucrin;

Gene ID 3713

mRNA Refseq NM_005547

Protein Refseq NP_005538

MIM 147360

UniProt ID P07476

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA