

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, profillaggrin, 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

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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

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