# Recombinant Human IVL

**Cat. No.** IVL-28450TH **Lot. No.** (See product label)

## SPECIFICATION

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|---|---|
| **Product Overview** | Recombinant fragment, corresponding to amino acids 420-578 of Human Involucrin with proprietary tag; 159 amino acids, 41kDa. |
| **Species** | Human |
| **Source** | E.coli |
| **ProteinLength** | 420-578 a.a. |
| **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. |
| **Tissue specificity** | Keratinocytes of epidermis and other stratified squamous epithelia. |
| **Form** | Liquid |
| **Storage buffer** | Preservative: NoneConstituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5 |
| **Storage** | Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles. |
| **Sequence** | Belongs to the involucrin family. |

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

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| **Similarities** | |

## GENE INFORMATION

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|---|---|
| **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 |
| **Chromosome Location** | 1q21 |
| **Pathway** | Validated transcriptional targets of AP1 family members Fra1 and Fra2, organism-specific biosystem; |
| **Function** | protein binding, bridging; structural molecule activity; |

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