

Recombinant Human IVL

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

SPECIFICATION

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, profilaggrin, loricrin, and calcyclin.
Tissue specificity	Keratinocytes of epidermis and other stratified squamous epithelia.
Form	Liquid
Storage buffer	Preservative: None Constituents: 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.

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Similarities

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

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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