

## Recombinant Human IVL

**Cat. No.** IVL-29555TH    **Lot. No.** (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant fragment, corresponding to amino acids 420-578 of Human Involucrin, 41kDa.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	420-578 a.a.
<b>Description</b>	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.
<b>Tissue specificity</b>	Keratinocytes of epidermis and other stratified squamous epithelia.
<b>Form</b>	Liquid
<b>Storage buffer</b>	Preservative: None Constituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5
<b>Storage</b>	Frozen Stock (-20C). Shelf life 12 months.
<b>Sequence Similarities</b>	Belongs to the involucrin family.

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)     Fax: 1-631-938-8127

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

**GENE INFORMATION**

<b>Gene Name</b>	IVL involucrin [ Homo sapiens ]
<b>Official Symbol</b>	IVL
<b>Synonyms</b>	IVL; involucrin;
<b>Gene ID</b>	3713
<b>mRNA Refseq</b>	NM_005547
<b>Protein Refseq</b>	NP_005538
<b>MIM</b>	147360
<b>Uniprot ID</b>	P07476
<b>Chromosome Location</b>	1q21
<b>Pathway</b>	Validated transcriptional targets of AP1 family members Fra1 and Fra2, organism-specific biosystem;
<b>Function</b>	protein binding, bridging; structural molecule activity;

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