

Recombinant Human IVL

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

SPECIFICATION

Product Overview	Recombinant fragment, corresponding to amino acids 420-578 of Human Involucrin, 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: None Constituents: 20% Glycerol, 50mM Tris acetate, 1mM EDTA, pH 7.5
Storage	Frozen Stock (-20C). Shelf life 12 months.
Sequence Similarities	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

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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