

Recombinant Human KRT4 cell lysate

Cat. No. KRT4-956HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The protein encoded by this gene is a member of the keratin gene family. The type II cytokeratins consist of basic or neutral proteins which are arranged in pairs of heterotypic keratin chains coexpressed during differentiation of simple and stratified epithelial tissues. This type II cytokeratin is specifically expressed in differentiated layers of the mucosal and esophageal epithelia with family member KRT13. Mutations in these genes have been associated with White Sponge Nevus, characterized by oral, esophageal, and anal leukoplakia. The type II cytokeratins are clustered in a region of chromosome 12q12-q13.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	KRT4 keratin 4 [Homo sapiens]
Official Symbol	KRT4

 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

Synonyms	KRT4; keratin 4; CYK4; keratin, type II cytoskeletal 4; CK4; cytokeratin 4; K4; keratin; type II cytoskeletal 4; type-II keratin Kb4; CK-4; FLJ31692;
Gene ID	3851
mRNA Refseq	NM_002272
Protein Refseq	NP_002263
MIM	123940
UniProt ID	P19013
Chromosome Location	12q13.13
Function	structural molecule activity;

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