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## Datasheet for ABIN935277

# Cytokeratin 18 Protein

### Overview

Quantity:	250 µg
Target:	Cytokeratin 18 (KRT18)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Application:	Control Peptide (CP)

### Product Details

Characteristics:	Purified recombinant Human Cytokeratin 18 protein Expression System: E.coli
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### Target Details

Target:	Cytokeratin 18 (KRT18)
Alternative Name:	Cytokeratin 18 ( <a href="#">KRT18 Products</a> )
Background:	<p>Cytokeratin 18 is a type I cytokeratin. It is, together with its filament partner keratin 8, perhaps the most commonly found products of the intermediate filament gene family. They are expressed in single layer epithelial tissues of the body. Mutations in this gene have been linked to cryptogenic cirrhosis. Two transcript variants encoding the same protein have been found for this gene.</p> <p>Alternative Names: Cytokeratin 18 protein, Cytokeratin 18, Cytokeratin-18 protein, Cytokeratin-18, Keratin K18 protein, Cytokeratin 18</p>
Molecular Weight:	45 kDa

## Target Details

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Pathways: [Apoptosis, Caspase Cascade in Apoptosis](#)

## Application Details

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Application Notes: Each Investigator should determine their own optimal working dilution for specific applications.

Comment: Protein standard in 1D and 2D SDS gel electrophoresis, Immunoassays, Immunization

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Reconstitute with 175  $\mu$ L distilled water (final volume 250  $\mu$ L)

Buffer: Lyophilized from solution containing 30 mM Tris/HCl pH 8, 9.5 M urea, 2 mM DTT, 2 mM EDTA, and 10 mM methylammonium chloride.

Precaution of Use: This product contains Dithiothreitol: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.