

Datasheet for ABIN5505709

**Keratin 36 Protein (KRT36) (His tag)**[Go to Product page](#)**1** Image

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 50 µg   |
| Target:                       | Keratin 36 (KRT36)                                |
| Origin:                       | Human   |
| Source:                       | Escherichia coli (E. coli)                        |
| Protein Type:                 | Recombinant                                       |
| Purification tag / Conjugate: | This Keratin 36 protein is labelled with His tag. |
| Application:                  | Antibody Production (AbP), Standard (STD)         |

## Product Details

|                  |   |
|------------------|---|
| Characteristics: | <ul style="list-style-type: none"><li>• Recombinant human Purified recombinant protein of Human keratin 36 (KRT36), full length, with N-terminal HIS tag, expressed in E.coli, 50 µg (full length, N-term HIS tag) protein expressed in E.coli.</li><li>• Produced with end-sequenced ORF clone</li></ul> |
| Purification:    | Purified  |
| Purity:          | > 80 % as determined by SDS-PAGE and Coomassie blue staining  |

## Target Details

|                   |   |
|-------------------|---|
| Target:           | Keratin 36 (KRT36)  |
| Alternative Name: | keratin 36 ( <a href="#">KRT36 Products</a> )   |
| Background:       | The protein encoded by this gene is a member of the keratin gene family. This type I hair keratin is an acidic protein which heterodimerizes with type II keratins to form hair and nails. The type I |

## Target Details

|                   |   |
|-------------------|---|
|                   | hair keratins are clustered in a region of chromosome 17q12-q21 and have the same direction of transcription. |
| Molecular Weight: | 52.1 kDa  |
| NCBI Accession:   | <a href="#">NP_003762</a>   |

## Application Details

|                    |  |
|--------------------|--|
| Application Notes: | Recombinant human proteins can be used for:<br>Native antigens for optimized antibody production<br>Positive controls in ELISA and other antibody assays |
| Comment:           | The tag is located at the N-terminal.  |
| Restrictions:      | For Research Use only  |

## Handling

|                  |   |
|------------------|---|
| Concentration:   | 50 µg/mL  |
| Buffer:          | 25 mM Tris, pH 8.0, 150 mM NaCl, 10 % glycerol, 1 % Sarkosyl.   |
| Storage:         | -80 °C  |
| Storage Comment: | Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended. |

## Images



### Western Blotting

**Image 1.** Validation with Western Blot