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# Recombinant Human KRT18 Protein (His Tag)

Catalog Number:PDEH100019



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

## Description

|                                    |  |
|------------------------------------|--|
| <b>Synonyms</b>                    | Cell proliferation inducing gene 46 protein;Cell proliferation inducing protein 46;Cell proliferation-inducing gene 46 protein;CK 18;CK-18;CK18;CYK 18;CYK18;Cytokeratin 18;Cytokeratin endo B;Cytokeratin-18;K 18;K18;K1C18;KA18;Keratin 18;Keratin 18;type I;Keratin D;keratin;type I cytoskeletal 18;Keratin-18;Krt18 |
| <b>Species</b>                     | Human  |
| <b>Expression Host</b>             | E.coli   |
| <b>Sequence</b>                    | Pro239-Asp397  |
| <b>Accession</b>                   | P05783-1   |
| <b>Calculated Molecular Weight</b> | 18.1 kDa   |
| <b>Observed molecular weight</b>   | 20.3 kDa   |
| <b>Tag</b>                         | N-His  |

## Properties

|                       |   |
|-----------------------|---|
| <b>Purity</b>         | > 85 % as determined by reducing SDS-PAGE.  |
| <b>Endotoxin</b>      | Please contact us for more information.   |
| <b>Storage</b>        | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| <b>Shipping</b>       | This product is provided as lyophilized powder which is shipped with ice packs.   |
| <b>Formulation</b>    | Lyophilized from sterile PBS, pH 7.4.<br>Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization.<br>Please refer to the specific buffer information in the printed manual.           |
| <b>Reconstitution</b> | Please refer to the printed manual for detailed information.  |

## Background

Cytokeratin 18 (CK18) has a molecular weight of 45 KDa, which is a low molecular weight type A cytokeratin. It is a marker of simple epithelium, including glandular epithelium. The stratified squamous epithelium is generally negative. CK18 is mainly used in the diagnosis of adenocarcinoma.

## For Research Use Only

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