

Recombinant Human KRT18 Protein (His Tag)

Catalog Number:PDEH100019



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

Description

Synonyms	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
Species	Human
Expression Host	E.coli
Sequence	Pro239-Asp397
Accession	P05783-1
Calculated Molecular Weight	18.1 kDa
Observed molecular weight	20.3 kDa
Tag	N-His

Properties

Purity	> 85 % as determined by reducing SDS-PAGE.
Endotoxin	Please contact us for more information.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	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.

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