

Recombinant Mouse KRT18 Protein (His Tag)

Catalog No. PKSM041385

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

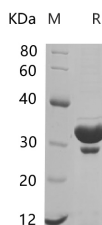
Description

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	Mouse
Expression Host	E.coli
Sequence	Ser2-Asp231
Accession	P05784-1
Calculated Molecular Weight	25.5 kDa
Observed molecular weight	27.78 kDa
Tag	N-His
Bioactivity	Testing in progress

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.

Data



> 85 % as determined by reducing SDS-PAGE.

For Research Use Only

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.