

# Human KCT2 / C5orf15 (His Tag) recombinant protein



Catalog Number: 500002

## General Information

### Gene Name Synonym:

### Protein Construction:

A DNA sequence encoding the human C5orf15 (NP\_064584.1) (Met1-Asp196) was expressed with a C-terminal polyhistidine tag.

**Source:** Human

**Expression Host:** Human Cells

## QC Testing

### Activity:

### Purity:

> 95 % as determined by SDS-PAGE

### Endotoxin:

< 1.0 EU per  $\mu\text{g}$  of the protein as determined by the LAL method

### Stability:

Samples are stable for up to twelve months from date of receipt at  $-70^{\circ}\text{C}$

### Predicted N terminal:

Arg 50

### Molecular Mass:

The recombinant human C5orf15 comprises 158 amino acids and has a predicted molecular mass of 17.5 kDa. The apparent molecular mass of the

protein is approximately 33-47 kDa in SDS-PAGE under reducing conditions.

### Formulation:

Lyophilized from sterile PBS, pH 7.4.

1. 5 % trehalose and mannitol are added as protectants before lyophilization.

2. Please contact us for any concerns or special requirements.

## Usage Guide

### Storage:

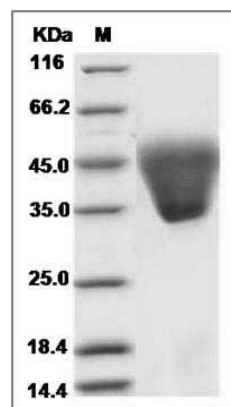
Store it under sterile conditions at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$ .

It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

### Reconstitution:

Adding sterile water, prepare a stock solution of 0.25 mg/ml. Concentration is measured by UV-Vis.

### SDS-PAGE:



Human KCT2 / C5orf15 Protein (His Tag) SDS-PAGE