

# Human IL32 (isoform alpha, His Tag) recombinant protein



Catalog Number: 502623

## General Information

### Gene Name Synonym

Natural killer cells protein 4; Tumor necrosis factor alpha-inducing factor

### Protein Construction

A DNA sequence encoding the human IL32 isoform alpha (IL32A) (NP\_001012651.1) precursor (Met 1-Lys 131) was expressed with a polyhistidine tag at the C-terminus.

### Organism

Human

### Expression Host

Human Cells

## QC Testing

### 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

Met 1

### Molecular Mass

The recombinant human IL32A comprises 137 amino acids with a predicted molecular mass of 15.7 kDa. As a result of glycosylation, it migrates as an approximately 20 kDa band in SDS-PAGE under reducing conditions.

### Formulation

Lyophilized from sterile PBS, pH 7.4

- 5 % trehalose and mannitol are added as protectants before lyophilization.
- Please contact us for any concerns or special requirements.

## Usage Guide

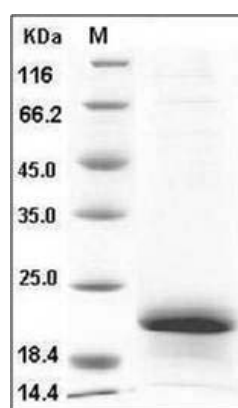
### Storage

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 Interleukin-32 / IL-32 Protein (isoform alpha, His Tag) SDS-PAGE