

# Human TDGF1/CRIPTO (Fc tag) recombinant protein



Catalog Number: 518806

## General Information

### Gene Name Synonym:

Teratocarcinoma-derived growth factor 1, Cripto-1 growth factor, CRGF, Epidermal growth factor-like cripto protein CR1, TDGF1, CRIPTO

### Protein Construction:

A DNA sequence encoding the Human TDGF1/CRIPTO Leu31-Ser169 is expressed with a Fc tag at the C-terminus.

**Source:** Human

**Expression Host:** Human Cells

## QC Testing

### Activity:

### Purity:

>95% as determined by SDS-PAGE.

### Endotoxin:

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

### Stability:

Store for up to 12 months at  $-20^{\circ}\text{C}$  to  $-80^{\circ}\text{C}$  as lyophilized powder. Aliquots of reconstituted samples are stable at  $< -20^{\circ}\text{C}$  for 3 months.

### Predicted N terminal:

### Molecular Mass:

## Formulation:

Lyophilized from a  $0.2\ \mu\text{m}$  filtered solution of PBS, pH 7.4.

## Usage Guide

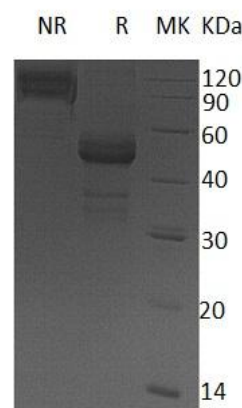
### Storage:

Lyophilized protein should be stored at  $< -20^{\circ}\text{C}$ , though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at  $4-7^{\circ}\text{C}$  for 2-7 days.

### Reconstitution:

Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than  $100\ \mu\text{g}/\text{ml}$ . Dissolve the lyophilized protein in ddH<sub>2</sub>O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

### SDS-PAGE:



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