

# Recombinant Human TNF RII (C-mFc)

Catalog # EPT211

**Expression Host** Human Cells

**DESCRIPTION** Recombinant Human Tumor Necrosis Factor Receptor

Superfamily Member 1B is produced by our

Mammalian expression system and the target gene

encoding Pro24-Thr206 is expressed with a mFc tag at

the C-terminus.

Accession P20333

**Synonyms** Tumor necrosis factor receptor superfamily member

1B; TNFRSF1B; Tumor necrosis factor receptor 2;

TNF-R2; TNF-RII; Tumor necrosis factor receptor type

II; p75; p80 TNF-alpha receptor; CD120b

Mol Mass 46.44 KDa

**AP Mol Mass** 60 KDa, reducing conditions

**Purity** Greater than 95% as determined by reducing

SDS-PAGE.

**Endotoxin** Less than 0.1 ng/μg (1 EU/μg) as determined by LAL

test.



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#### **FORMULATION**

Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

#### **RECONSTITUTION**

Always centrifuge tubes before opening.Do not mix by vortex or pipetting.

It is not recommended to reconstitute to a concentration less than 100µg/ml.

Dissolve the lyophilized protein in distilled water.

Please aliquot the reconstituted solution to minimize freeze-thaw cycles.

#### **SHIPPING**

The product is shipped at ambient temperature.

Upon receipt, store it immediately at the temperature listed below.

### **STORAGE**

Lyophilized protein should be stored at < -20  $^{\circ}$  C, though stable at room temperature for 3 weeks.

Reconstituted protein solution can be stored at 4-7°C for 2-7 days.

Aliquots of reconstituted samples are stable at < -20° C for 3 months.

## **BACKGROUND**

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Tumor necrosis factor receptor superfamily member 1B (TNFRSF1B) is a member of the tumor necrosis factor receptor superfamily. Human TNF RII contains four cysteinerich repeats in its ECD, which shares 58%

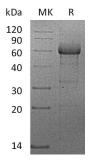


ELKbio@ELKbiotech.com

www.elkbiotech.com



and 56% amino acid sequence identity with the mouse and rat orthologs, respectively.TNF RII is expressed predominantly on cells of the hematopoietic lineage, such as T and natural killer cells, as well as on endothelial cells, microglia, astrocytes, neurons, oligodendrocytes, cardiac myocytes, thymocytes, and mesenchymal stem cells.TNF RII binds to the membranebound forms of TNF $\alpha$  and Lymphotoxin $\alpha$ /TNF\( \beta \); soluble TNF is thought to signal predominately through TNF RI.Soluble TNF RII is believed to inhibit TNF biological activity by binding TNF thereby preventing from activating membrane **TNF** receptors.



## **SDS-PAGE**

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