# Recombinant Human TNFRSF1B/CD120b Protein (aa 288-461, His Tag)



Catalog Number: PKSH033161

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

## **Description**

Synonyms Tumor necrosis factor receptor superfamily member 1B;Tumor necrosis factor

receptor 2;TNF-R2;Tumor necrosis factor receptor type II;TNF-RII;TNFR-

II;p75;p80 TNF-alpha receptor

Species Human

Expression Host HEK293 Cells Sequence Lys288-Ser461

Accession P20333
Calculated Molecular Weight 19.0 kDa
Observed molecular weight 33-41 kDa
Tag C-His

## **Properties**

**Purity** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin** < 1.0 EU per ug of the protein as determined by the LAL method.

**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 a 0.2 µm filtered solution of PBS, pH 7.4.

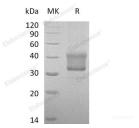
Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as

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



> 95 % as determined by reducing SDS-PAGE.

## **Background**

Tumor necrosis factor receptor superfamily member 1B(TNFRSF1B) is expressed by the gene TNFRSF1B. The soluble form is produced from the membrane form by proteolytic processing. It can bind to TRAF2; and interacts with BMX. It can act as the receptor with high affinity for TNFSF2/TNF-alpha and approximately 5-fold lower affinity for homotrimeric TNFSF1/lymphotoxin-alpha. The TRAF1/TRAF2 complex recruits the apoptotic suppressors BIRC2 and BIRC3 to TNFRSF1B/TNFR2. This receptor mediates most of the metabolic effects of TNF-alpha.

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