



Recombinant Protein Technical Manual
Recombinant Human TNFRSF1B/CD120b Protein (aa
288-461, His Tag)
RPES1604

Product Data:

Product SKU: RPES1604

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P20333

Protein Information:

Molecular Mass: 19.0 kDa

AP Molecular Mass: 33-41 kDa

Tag: C-6His

Bio-activity:

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

Endotoxin: < 1.0 EU per µg as determined by the LAL method.

Storage: 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, pH7.4.

Reconstitution: Please refer to the printed manual for detailed information.

Application:

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

Immunogen Information:

Sequence: Lys288-Ser461

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.