



Recombinant Protein Technical Manual

**Recombinant Human TNFRSF1B/CD120b Protein
(His Tag)
RPES4098**

Product Data:

Product SKU: RPES4098

Size: 10µg

Species: Human

Expression host: Human Cells

Uniprot: P20333

Protein Information:

Molecular Mass: 26.2 kDa

AP Molecular Mass: 40 kDa

Tag: C-His

Bio-activity:

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

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

Storage: Lyophilized protein should be stored at < -20°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.

Shipping: This product is provided as lyophilized powder which is shipped with ice packs.

Formulation: Lyophilized from a 0.2 µm filtered solution of 20mM PB,150mM NaCl,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; Tumor necrosis factor receptor type II; p75; p80 TNF-alpha receptor; TBP-2; TBPII; TNFRSF1B; TNFBR; TNFR2; Tumor Necrosis Factor Receptor II

Immunogen Information:

Sequence: Leu23-Asp257

Background:

Tumor necrosis factor receptor superfamily member 1B is a 461 amino acids protein that belongs to the TNFR (tumor necrosis factor receptor) superfamily characterized by cysteine-rich extracellular domains. It contains 4 TNFR-Cys repeats. TNFR1 is expressed in fetal brain. TNFR2 is strongly expressed at the cartilage-pannus junction, and plays a major role in a subset of families with multiple cases of rheumatoid arthritis (RA). This receptor mediates most of the metabolic effects of TNF-alpha. Isoform 2 blocks TNF-alpha-induced apoptosis, which suggests that it regulates TNF-alpha function by antagonizing its biological activity.