

# Mouse TNFR2 Recombinant Protein



RPPB1014

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## Product Information    Protein Information

**Product SKU:**

RPPB1014

**Accession:**

P25119

**Host:**

Escherichia Coli.

**Protein description:**

TNFR2 Mouse Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 236 amino acids and having a molecular mass of 25.3kDa. The TNFR2 is purified by proprietary chromatographic techniques.

**Appearance:**

Sterile Filtered White lyophilized (freeze-dried) powder.

**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, CD120b, Tnfrsf1b, Tnfr-2, Tnfr2, TNFBR, TNFR80, TNFRII, TNF-R75, TNF-R-II, TNF-alphaR2, TNFalpha-R2.

**Formulation:**

TNFR2 protein was lyophilized from a 0.2µm filtered concentrated solution in PBS, pH 7.4.

**Purity:**

Greater than 97.0% as determined by SDS-PAGE.

**Solubility:**

It is recommended to reconstitute the lyophilized TNFR2 in sterile 18M-cm H<sub>2</sub>O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

**Stability:**

Lyophilized TNFR2 although stable at room temperature for 3 weeks, should be stored desiccated below -18C. Upon reconstitution TNFR2 should be stored at 4C between 2-7 days and for future use below -18C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Please prevent freeze-thaw cycles.

**Amino Acid Sequence:**

VPAQVVLTPY KPEPGYECQI SQEYYDRKAQ MCCAACPPGQ YVKHFCNKTS DTVCADCEAS MYTQVWNQFR  
TCLSCSSSCT TDQVEIRACT KQQNRVCACE AGRYALKTH SGSCRQCMRL SKCGPGFGVA SSRAPNGNVL  
CKACAPGTFS DTTSTDVCR PHRICSILAI PGNASTDAVC APESPTLSAI PRTLYVSQPE PTRSQPLDQE  
PGPSQTPSIL TSLGSTPIIE QSTKGG.

**Biological Activity:**

The ED<sub>50</sub> as determined by its ability to inhibit the TNF-α mediated cytotoxicity in the L-929 cells is less than 2µg/ml, corresponding to a specific activity of > 500IU/mg in the presence of 0.1ng/mL of rHuTNF-α.