

Recombinant Murine soluble Tumor Necrosis Factor Receptor Type II/TNFRSF1B

#R00251

Size: 5 µg/100 µg/500 µg

Stability & Storage

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- 12 months from date of receipt, -20 to -70 °C as supplied.
 - 1 month, 2 to 8 °C under sterile conditions after reconstitution.
 - 3 months, -20 to -70 °C under sterile conditions after reconstitution.



Warning: This product is intended for scientific research only. It is not to be used for medical or diagnostic procedures in humans or animals, nor as a food, cosmetic, or household product.

AA Sequence

VPAQVVLTPTYKPEPGYECQISQEYYDRKAQMCCA KC
PPGQYVKHFCNKTS DTVCADCEASMYTQVWNQFRT
CLSCSSSCTTDQVEIRACTKQQNRVCACEAGRYCAL
KTHSGSCRQCMRLSKCGPGFGVASSRAPNGNVLCK
ACAPGTFSDTTSSTDVCRPHRCSILAIPGNASTDAVC
APESPTLSAIPRTL YVSQPEPTRSQPLDQEPGPSQTP
SILTSLGSTPIIEQSTKGG

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute in sterile distilled water or aqueous buffer containing 0.1 % BSA to a concentration of 0.1-1.0 mg/mL. Stock solutions should be apportioned into working aliquots and stored at ≤ -20 °C. Further dilutions should be made in appropriate buffered solutions.

Product Specification

Accession	P25119
GeneID	21938
Species	Murine
Source	Escherichia coli.
Molecular Weight	Approximately 25.3 kDa, a single non-glycosylated polypeptide chain containing 236 amino acids.
Purity	> 97 % by SDS-PAGE and HPLC analyses.
Biological Activity	Fully biologically active when compared to standard. The ED ₅₀ as determined by its ability to inhibit the TNF-α mediated cytotoxicity in the L-929 cells is less than 2 µg/ml, corresponding to a specific activity of > 500 IU/mg in the presence of 0.1

Physical Appearance Formulation	ng/mL of rMuTNF-α. Sterile Filtered White lyophilized (freeze-dried) powder. Lyophilized from a 0.2 µm filtered solution in PBS, pH 7.4.
Endotoxin	Less than 0.1 EU/µg of rMusTNF RII/TNFRSF1B as determined by LAL method.