

Recombinant Murine soluble Tumor Necrosis Factor Receptor Type I/TNFRSF1A

Information

Gene ID	21937
Accession #	P25118
Alternate Names	
Source	Escherichia coli.
M.Wt	Approximately 21.1 kDa, a single non-glycosylated polypeptide chain containing 191 amino acids.
AA Sequence	IHPSGVTGLV PSLGDREKRD SLC PQGKYVH SKNNSICCTK CHKGTYLVSD CPSPGRDTCV RECEKGTFTA SQNYLRQCLS CKTCRKEMSQ VEISPCQADK DTVCGCKENQ FQRYLSETHF QCVDCSPCFN GTVTIPCKET QNTVCNCHAG FFLRESECVF CSHCKKNEEC MKLCLPPPLA NVTNPQDSGT A
Appearance	Sterile Filtered White lyophilized (freeze-dried) powder.
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
Formulation	Lyophilized from a 0.2 µm filtered solution in PBS, pH 7.4.
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.
Biological Activity	Fully biologically active when compared to standard. The ED as determined by its ability to inhibit the TNF-α mediated cytotoxicity in the L-929 cells is less than 1 µg/ml, corresponding to a specific activity of > 1000 IU/mg in the presence of 0.1 ng/mL of rMuTNF-α.
Shipping Condition	Gel pack.
Handling	Centrifuge the vial prior to opening.
Usage	For Research Use Only! Not to be used in humans.

Components and Storage

Components	5µg	100µg	500µg
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- 3 months, -20 to -70 °C under sterile conditions after reconstitution

Quality Control

Purity	> 97 % by SDS-PAGE and HPLC analyses.
Endotoxin	Less than 0.1 EU/μg of rMusTNF RI/TNFRSF1A as determined by LAL method.

Description

Reference



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