

Human TNF-RI (soluble) Recombinant Protein

Product Details

Size	20 µg
Species	Human
Expression system	E. coli
Amino acid sequence	Human TNF-RI recombinant protein contains 162 amino acids
Molecular weight	18.3 kDa
Class	Recombinant
Type	Protein
Purity	>98% by SDS-PAGE and HPLC
Endotoxin concentration	<0.1 ng/µg
Activity	ED50 = 0.05 µg/mL; determined by the dose-dependent inhibition of TNF-alpha (0.25 ng/mL) mediated cytotoxicity in mouse L-929 cells.
Conjugate	Unconjugated
Form	Lyophilized
Purification	sequential chromatography
Storage buffer	5mM tris, pH 8
Contains	no preservative
Storage conditions	-20°C

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (IHC)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Functional Assay (FN)	Assay-dependent	-
Control (Ctrl)	Assay-dependent	-

Product Specific Information

Reconstitution: We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Reconstitute sTNF-RI in 5 mM Tris, pH 8.0, to a concentration of 0.1-1.0 mg/mL. Further dilutions should be made in aqueous buffers supplemented with carrier protein, such as 0.1-1.0% BSA.

Storage: This lyophilized preparation is stable at 2°C to 8°C, but should be kept at -20°C for long term storage, preferably desiccated. Upon reconstitution, the preparation is stable for up to one week at 2°C to 8°C. For maximal stability, apportion the reconstituted preparation into working aliquots and store at -20°C. Avoid repeated freeze/thaw cycles.

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