

Recombinant Human sTNF Receptor Type II

CATALOG #:	4448-20
AMOUNT:	20 µg
LOT #:	_____
SOURCE:	<i>E. Coli</i>
PURITY:	>98% by SDS-PAGE and HPLC analyses Endotoxin level is <0.1 ng per µg (1EU/µg).
MOL. WEIGHT:	18.9 kDa
FORM:	Lyophilized from a sterile solution containing 10 mM Tris, pH 8.0 and 50 mM NaCl.

RECONSTITUTION:

We recommend a quick spin followed by reconstitution in water to a concentration of 0.1-1.0 mg/ml. The solution can then be diluted into other aqueous buffers or stored at 4°C for 1 week or -20°C for future use.

STORAGE CONDITIONS:

The lyophilized protein is best-stored desiccated below 0°C. Reconstituted sTNF Receptor II should be stored at working aliquots at -20°C.

BACKGROUND DESCRIPTION:

Tumor Necrosis Factor Receptor Type II is an inhibitor of TNF and can block TNF bioactivity. BioVision's human soluble TNF receptor type II is an 18.9 kDa protein containing 174 amino acid residues comprising the extra cellular domain of TNF.

BIOLOGICAL ACTIVITY:

Determined by its inhibitory effect of the TNF- α mediated cytotoxicity in murine L929 cells. The ED₅₀ for the effect, in the presence of 0.25 ng/ml of recombinant human TNF- α is 0.125 µg/ml.

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