

Recombinant Human sTNF-RI

CATALOG #: 4348-20 20 µg
 4348-100 100 µg
 4348-1000 1 mg

LOT #: _____

SOURCE: *E. coli*

PURITY: >95% by SDS-PAGE and HPLC analyses.
 Endotoxin level is <0.1 ng per µg of sTNF-RI.

MOL. WEIGHT: 18.3 kDa

FORMULATION: Sterile filtered and lyophilized without additives

RECONSTITUTION:

We recommend a quick spin followed by reconstitution in 5 mM Tris, pH 8.0 to a concentration of 1 mg/ml. This 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 sTNF-RI is best-stored desiccated below 0°C. Reconstituted sTNF-RI should be stored at working aliquots at -20°C.

DESCRIPTION:

Tumor Necrosis Factor receptor type I (TNF-RI) is also referred as p60. The p60 form of the receptor is primarily expressed on epithelial cells. Recombinant Human soluble TNF receptor Type I (sTNF-RI) is a 18.3 kDa protein containing 162 amino acid residues comprising the extra cellular domain of TNF Receptor Type I.

BIOLOGICAL ACTIVITY:

The biological activity of sTNF-RI was determined by its inhibitory effect of the TNF- α mediated cytotoxicity in murine L-929 cells. The ED₅₀ for the effect in the presence of 0.25 ng/ml of recombinant TNF- α , is 0.05 µg/ml.

USAGE: FOR RESEARCH USE ONLY! Not to be used in human.

RELATED PRODUCTS:

Apoptosis Detection Kits & Reagents

- Annexin V Kits & Bulk Reagents
- Caspase Assay Kits & Reagents
- Mitochondrial Apoptosis Kits & Reagents
- Nuclear Apoptosis Kits & Reagents
- Apoptosis Inducers and Set
- Apoptosis siRNA Vectors

Cell Fractionation System

- Mitochondria/Cytosol Fractionation Kit
- Nuclear/Cytosol Fractionation Kit
- Membrane Protein Extraction Kit
- Cytosol/Particulate Rapid Separation Kit
- Mammalian Cell Extraction Kit
- FractionPREP Fractionation System

Cell Proliferation & Senescence

- Quick Cell Proliferation Assay Kit
- Senescence Detection Kit
- High Throughput Apoptosis/Cell Viability Assay Kits
- LDH-Cytotoxicity Assay Kit
- Bioluminescence Cytotoxicity Assay Kit
- Live/Dead Cell Staining Kit

Cell Damage & Repair

- HDAC Fluorometric & Colorimetric Assays & Drug Discovery Kits
- HAT Colorimetric Assay Kit & Reagents
- DNA Damage Quantification Kit
- Glutathione & Nitric Oxide Fluorometric & Colorimetric Assay Kits

Signal Transduction

- cAMP & cGMP Assay Kits
- Akt & JNK Activity Assay Kits
- Beta-Secretase Activity Assay Kit

Adipocyte & Lipid Transfer

- Recombinant Adiponectin, Survivin, & Leptin
- CETP Activity Assay & Drug Discovery Kits
- PLTP Activity Assay & Drug Discovery Kits
- Total Cholesterol Quantification Kit

Molecular Biology & Reporter Assays

- siRNA Vectors
- Cloning Insert Quick Screening Kit
- Mitochondrial & Genomic DNA Isolation Kits
- 5 Minutes DNA Ligation Kit
- 20 Minutes Gel Staining/Destaining Kit
- β -Galactosidase Staining Kit & Luciferase Reporter Assay Kit

Growth Factors and Cytokines

Monoclonal and Polyclonal Antibodies