

## Recombinant Human sTRAIL-receptor-2

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| <b>CATALOG #:</b> | 4568-50  |
| <b>AMOUNT:</b>    | 50 µg  |
| <b>LOT #:</b>     | _____  |
| <b>SOURCE:</b>    | <i>E. coli</i>   |
| <b>PURITY:</b>    | >98% by SDS-PAGE and HPLC analyses<br>Endotoxin level is <0.1 ng per µg. |
| <b>FORM:</b>      | Sterile filtered and lyophilized with no additives                       |

### RECONSTITUTION:

Centrifuge the vials prior to opening. Reconstitute in water to a concentration of 0.1-1.0 mg/ml. This solution can then be diluted into other aqueous buffers and 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 sTRAIL-receptor-2 should be stored in working aliquots at -20°C.

### DESCRIPTION:

Human sTRAIL Receptor-2, also known as DR5 (Death Receptor-5), is a member of the TNF receptor family. The recombinant human sTRAIL Receptor-2 is a 14.9 kDa protein containing 133 amino acid residues comprising the extracellular domain of TRAIL Receptor-2.

### BIOLOGICAL ACTIVITY:

Determined by its inhibitory effect of IL-8 production in human PBMC by human sTRAIL/Apo2L. 50% inhibition (100 ng/ml of sTRAIL/Apo2L) was reached using a concentration of 1000 ng/ml of sTRAIL Receptor-2.

### 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