

Datasheet for ABIN2468353

**TNFRSF21 Protein (AA 42-349, Extracellular Domain) (His tag)**[Go to Product page](#)**1** Image

## Overview

|                               |                                                                             |
|-------------------------------|-----------------------------------------------------------------------------|
| Quantity:                     | 0.05 mg                                                                     |
| Target:                       | TNFRSF21                                                                    |
| Protein Characteristics:      | Extracellular Domain, AA 42-349                                             |
| Origin:                       | Human, Mouse                                                                |
| Source:                       | Escherichia coli (E. coli)                                                  |
| Protein Type:                 | Recombinant                                                                 |
| Purification tag / Conjugate: | This TNFRSF21 protein is labelled with His tag.                             |
| Application:                  | Western Blotting (WB), ELISA, Mass Spectrometry (MS), Neutralization (Neut) |

## Product Details

|         |       |
|---------|-------|
| Purity: | ~95 % |
|---------|-------|

## Target Details

|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Target:           | TNFRSF21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Alternative Name: | DR6 ( <a href="#">TNFRSF21 Products</a> )                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| Background:       | Apoptosis plays a major role in normal organism development, tissue homeostasis, and removal of damaged cells. Disruption of this process has been implicated in a variety of diseases such as cancer (reviewed in 1). Apoptosis is induced by certain cytokines including TNF and Fas ligand of the TNF family through their death domain containing receptors, TNF-R1 and Fas. Several death receptors including DR3, DR4, DR5, and DR6 have been identified. Like TNF-R1, DR6 (also known as TNFRSF21) interacts with death domain containing adapter |

## Target Details

molecule TRADD. Overexpression of DR6 induces apoptosis and activates NF- $\kappa$ B and JNK. DR6 is widely expressed in human tissues and cell lines (2). Recently, DR6 was found to interact with an amino-terminal fragment of the Beta-amyloid protein (APP) in neurons, activating a caspase 6-dependent apoptotic event leading to axonal degeneration and pruning (3).

Molecular Weight: 36 kDa (Calculated)

Gene ID: 27242

NCBI Accession: [NP\\_055267](#)

OMIM: 7657039

UniProt: [O75509](#)

Pathways: [Regulation of Lipid Metabolism by PPARalpha](#)

## Application Details

Application Notes: This recombinant protein can be used for WB, ELISA, MS and neutralization assays.

Restrictions: For Research Use only

## Handling

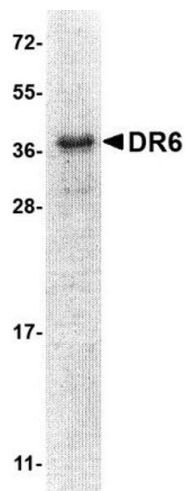
Format: Liquid

Buffer: 1X PBS containing 10 % glycerol

Handling Advice: Avoid freeze/thaw cycles. When working with proteins care should be taken to keep recombinant protein at a cool and stable temperature.

Storage: -80 °C

Storage Comment: Store in working aliquots at -70 °C.



Western Blotting

Image 1.