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Datasheet for ABIN7319426 DcR2 Protein (Fc Tag)

Overview

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| Quantity: | 50 µg |
| Target: | DcR2 (TNFRSF10D) |
| Origin: | Human |
| Source: | Human Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This DcR2 protein is labelled with Fc Tag. |

Product Details

| | |
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| Purpose: | Recombinant Human TRAIL R4/TNFRSF10D Protein (Fc Tag) |
| Sequence: | Ala56-His211 |
| Characteristics: | Recombinant Human TRAILR4 is produced by our Mammalian expression system and the target gene encoding Ala56-His211 is expressed with a Fc tag at the C-terminus. |
| Purity: | > 95 % as determined by reducing SDS-PAGE. |
| Endotoxin Level: | < 1.0 EU per µg as determined by the LAL method. |

Target Details

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|-------------------|---|
| Target: | DcR2 (TNFRSF10D) |
| Alternative Name: | TRAIL R4/TNFRSF10D (TNFRSF10D Products) |
| Background: | Background: Human TRAIL R4 is a type 1, TNF R family membrane protein, which is a receptor for TRAIL (APO2 ligand). TRAIL R4 contains an extracellular TRAIL-binding domain, a transmembrane domain, and a truncated cytoplasmic death domain. In the new TNF |

Target Details

superfamily nomenclature, TRAIL R4 is referred to as TNFRSF10D. TRAIL R4 is unique among the TRAIL receptors in that its cytoplasmic domain contains a truncated consensus death domain motif. Binding of TRAIL R4 does not result in an apoptotic signal. Overexpression of TRAIL R4 can protect cells bearing TRAIL R1 and/or TRAIL R2 from TRAIL mediated apoptosis. The human soluble TRAIL R4/Fc chimera neutralizes the ability of TRAIL to induce apoptosis. Synonym: Tumor necrosis factor receptor superfamily member 10D, Decoy receptor 2, DcR2, TNF-related apoptosis-inducing ligand receptor 4, TRAIL receptor 4, TRAIL-R4, TRAIL receptor with a truncated death domain, CD264, TNFRSF10D, DCR2, TRAILR4, TRUND

Molecular Weight: 43.4 kDa

UniProt: [Q9UBN6](#)

Pathways: [Apoptosis](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of PBS, pH 7.4.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.