Datasheet for ABIN925132

TNFRSF10B Protein (AA 52-212) (Fc Tag)

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Overview

Quantity:	50 µg
Target:	TNFRSF10B
Protein Characteristics:	AA 52-212
Origin:	Human
Source:	HEK-293T Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This TNFRSF10B protein is labelled with Fc Tag.
Application:	ELISA

Product Details

Specificity:	Binds human and mouse TRAIL. Other species not tested.
Characteristics:	Inhibits soluble TRAIL-induced apoptosis in a concentration range of 0.5-10 µg/mL. Concentrations of rhTRAIL-R2:Fc required to inhibit may vary depending on the cell type studied and on the concentration of sTRAIL used to kill cells. The extracellular domain (AA 52-212) of human TRAIL-R2 fused to the Fc portion of human IgG1.
Purification:	Purified protein (LAL).
Purity:	95 % as determined by SDS-PAGE.

Target Details

Target:	TNFRSF10B
Alternative Name:	TRAIL-R2 (TNFRSF10B Products)

Target Details

Background:	TRAIL receptors are members of the TNF family of proteins. TRAIL-R2 (DR5) is a 50 kDa transmembrane protein containing 2 cysteine- rich repeats in the extracellular portion and a cytoplasmic motif called a `death domain' (DD). Binding of TRAIL (APO-2L) to TRAIL-R2 can induce apoptosis. Other identified TRAIL receptors include TRAIL-R1 (DR4), which like TRAIL-R2 promotes apoptosis, and three receptors (TRAIL-R3, TRAIL-R4, and Osteoprotegerin) that are inhibitory. Synonyms: DR5, KILLER, TNFRSF 10B, CD262
Molecular Weight:	~46 kDa (SDS-PAGE)
Pathways:	p53 Signaling, Apoptosis, Positive Regulation of Endopeptidase Activity

Application Details

Application Notes:	ELISA: Use at 1 µg/mL. (capture)
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Storage:	-20 °C