Datasheet for ABIN2181845

DcR2 Protein (AA 56-211) (His tag)

1 Image

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Overview

Quantity:	100 µg
Target:	DcR2 (TNFRSF10D)
Protein Characteristics:	AA 56-211
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This DcR2 protein is labelled with His tag.

Product Details

Sequence:	AA 56-211
Characteristics:	This protein carries a polyhistidine tag at the C-terminus. The protein has a calculated MW of 18.4 kDa. The protein migrates as 33-40 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.
Purity:	>90 % as determined by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	DcR2 (TNFRSF10D)
Alternative Name:	TRAIL R4 (TNFRSF10D Products)

Target Details

Background:	Tumor necrosis factor receptor superfamily member 10D (TNFRSF10D) is also known as Decoy receptor 2 (DcR2), TNF-related apoptosis-inducing ligand receptor 4 (TRAIL receptor 4 or TRAIL-R4), CD264,which is the single-pass type I membrane protein. TNFRSF10D is receptor for the cytotoxic ligand TRAIL, which contains a truncated death domain and hence is not capable of inducing apoptosis but protects against TRAIL-mediated apoptosis.
Molecular Weight:	18.7 kDa
NCBI Accession:	NP_003831
Pathways:	Apoptosis

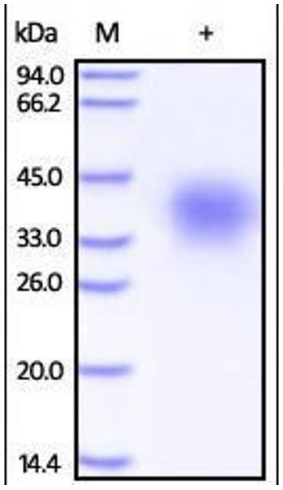
Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Buffer:	PBS, pH 7.4
Handling Advice:	Please avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	No activity loss was observed after storage at: In lyophilized state for 1 year (4 °C), After reconstitution under sterile conditions for 3 months (-70 °C).

Images



SDS-PAGE

Image 1. Human TRAIL R4, His Tag on SDS-PAGE under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 92%.