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## **ANTXR1 Protein (Transcript Variant 2) (Myc-DYKDDDDK Tag)**



#### Image



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Overview	
Quantity:	20 μg
Target:	ANTXR1
Protein Characteristics:	Transcript Variant 2
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANTXR1 protein is labelled with Myc-DYKDDDDK Tag.
Application:	Antibody Production (AbP), Standard (STD)
Product Details	
Characteristics:	<ul> <li>Recombinant human Anthrax toxin receptor 1 / ANTXR1 (transcript variant 2) protein expressed in HEK293 cells.</li> </ul>
	Produced with end-sequenced ORF clone
Purity:	> 80 % as determined by SDS-PAGE and Coomassie blue staining

#### **Target Details**

Target:	ANTXR1
Alternative Name:	Anthrax Toxin Receptor 1 (ANTXR1 Products)
Background:	This gene encodes a type I transmembrane protein and is a tumor-specific endothelial marker that has been implicated in colorectal cancer. The encoded protein has been shown to also be
	a docking protein or receptor for Bacillus anthracis toxin, the causative agent of the disease,

#### **Target Details**

anthrax. The binding of the protective antigen (PA) component, of the tripartite anthrax toxic	n, to
this receptor protein mediates delivery of toxin components to the cytosol of cells. Once ins	side
the cell, the other two components of anthrax toxin, edema factor (EF) and lethal factor (LF)	)
disrupt normal cellular processes. Three alternatively spliced variants that encode different	
protein isoforms have been described.	

Molecular Weight:

38.3 kDa

NCBI Accession:

NP\_444262

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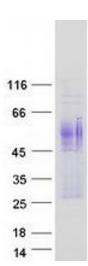
### **Application Details**

Application Notes:	Recombinant human proteins can be used for:
	Native antigens for optimized antibody production
	Positive controls in ELISA and other antibody assays
Comment:	The tag is located at the C-terminal.

#### Handling

Restrictions:

Concentration:	50 μg/mL
Buffer:	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Storage:	-80 °C
Storage Comment:	Store at -80°C. Thaw on ice, aliquot to individual single-use tubes, and then re-freeze immediately. Only 2-3 freeze thaw cycles are recommended.



#### **Western Blotting**

Image 1. Validation with Western Blot