

Datasheet for ABIN7092772

ANTXR1 Protein (AA 33-321) (His tag)[Go to Product page](#)**1** Image

Overview

Quantity:	100 µg
Target:	ANTXR1
Protein Characteristics:	AA 33-321
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This ANTXR1 protein is labelled with His tag.

Product Details

Purpose:	Recombinant human ANTXR1 protein with C-terminal 6xHis tag
Specificity:	ANTXR1 (Glu33-Ser321) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purification:	Purified from cell culture supernatant by affinity chromatography
Purity:	The purity of the protein is greater than 95 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	ANTXR1
Alternative Name:	ANTXR1 (ANTXR1 Products)
Background:	This gene encodes a type I transmembrane protein and is a tumor-specific endothelial marker

Target Details

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, anthrax. The binding of the protective antigen (PA) component, of the tripartite anthrax toxin, to this receptor protein mediates delivery of toxin components to the cytosol of cells. Once inside 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. [provided by RefSeq, Oct 2008]

Molecular Weight: predicted molecular mass of 33.2 kDa after removal of the signal peptide. The apparent molecular mass of ANT XR1-His is 35-55 kDa due to glycosylation.

UniProt: [Q9H6X2](#)

Application Details

Restrictions: For Research Use only

Handling

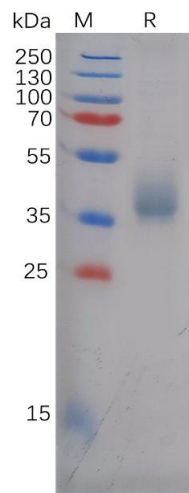
Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C,-80 °C

Storage Comment: Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing).
Lyophilized proteins are shipped at ambient temperature.

Expiry Date: 12 months



SDS-PAGE

Image 1. Human AN Protein, His Tag on SDS-PAGE under reducing condition.