

# Recombinant Human ANTXR1

Catalog No: #GP10050



Package Size: #GP10050-1 100ug

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

## Description

Product Name	Recombinant Human ANTXR1
Brief Description	Recombinant Protein
Immunogen Description	Full length fusion protein
Target Name	anthrax toxin receptor 1
Other Names	ATR; TEM8
Accession No.	Swissprot:Q9H6X2Gene Accession:BC012074
Uniprot	Q9H6X2
GeneID	84168;
Storage	-20~-80°C, pH 7.6 PBS

## 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, 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.

## References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

Note: This product is for in vitro research use only