

Anthrax toxin receptor 1 (ANTXR1) Recombinant Protein | ANTXR1 recombinant protein

Recombinant Human Anthrax toxin receptor 1 (ANTXR1)

CATALOG # AAA117372	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Anthrax toxin receptor 1 (ANTXR1); Recombinant Human Anthrax toxin receptor 1 (ANTXR1); Anthrax toxin receptor 1; Tumor endothelial marker 8; ANTXR1 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	33-321
Sequence	EDGGPACYGG FDLYFILDKS GSVLHHWNEI YYFVEQLAHK FISPQLRMSF IVFSTRGTTL MKLTEDREQI RQGLEELQKV LPGGDTYMHE GFERASEQIY YENRQGYRTA SVIIALTDGE LHEDLFFYSE REANRSRDLG AIVYCVGVKD FNETQLARIA DSKDHVFPVN DGFQALQGII HSILKKSCIE ILAAEPSTIC AGESFQVVVR GNGFRHARNV DRVLCSEKIN DSVTLNEKPF SVEDTYLLCP APILKEVGMK AALQVSMNDG LSFISSSVII TTTHCSDGS
Sequence Length	289
Species	Homo sapiens (Human)
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for ANTXR1 recombinant protein	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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16933553
NCBI GeneID	84168
NCBI Accession #	NP_060623.2
NCBI GenBank Nucleotide #	NM_018153.3
UniProt Accession #	Q9H6X2 ; Q4ZFY6 ; Q53QD8 ; Q96P02 ; Q9NVP3 ; A8K7U8 ; J7K7G4 ; J7KF88
Molecular Weight	34.4 kDa
NCBI Official Full Name	anthrax toxin receptor 1 isoform 3

NCBI Official Synonym Full Names	anthrax toxin receptor 1
NCBI Official Symbol	ANTXR1
NCBI Official Synonym Symbols	ATR; GAPO; TEM8
NCBI Protein Information	anthrax toxin receptor 1; 2310008J16Rik; 2810405N18Rik; tumor endothelial marker 8
UniProt Protein Name	Anthrax toxin receptor 1
UniProt Gene Name	ANTXR1
UniProt Synonym Gene Names	ATR; TEM8
UniProt Entry Name	ANTR1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/antxr1-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/117372>