

## Product datasheet for **TP318589M**

### ANTXR2 (NM\_058172) Human Recombinant Protein

#### Product data:

**Product Type:** Recombinant Proteins  
**Description:** Recombinant protein of human anthrax toxin receptor 2 (ANTXR2), transcript variant 1, 100 µg  
**Species:** Human  
**Expression Host:** HEK293T  
**Expression cDNA Clone or AA Sequence:** >RC218589 representing NM\_058172  
**Red**=Cloning site **Green**=Tags(s)

MVAERSPARSPGSWLFPGWLWLLVLSGPGGLLRAQEQPSCRRAFDLYFVLDKSGSVANNWIEIYNFVQQLA  
ERFVSPERMRLSFIVFSSQATIILPLTGDRGKISKGLEDLKRVSPVGETYIHEGLKLANEQIQKAGGLKTS  
SIIIALTDGKLDGLVPSYAEKEAKISRSLGASVYCVGVLDFEQAQLERIAADSKEQVFPVKGGFQALKGII  
NSILAQSCTEILELQPSSVCVGEEFQIVLSGRGFMGSRNGSVLCTYTVNETYTTSVKPVSVQLNSMLCP  
APILNKAGETLDVSVSFNGGKSVISGLIVTATECSNGIAAIVLVLLLLLIGLMMWWFWPLCCKVVIK  
DPPPPPPAPKEEEEEPLPTKKWPTVDASYYGGRGVGGIKRMEVRWGDKGSTEEGARLEKAKNAVVKIPE  
ETEPIRPRPRPKPTHQPPQTKWYTPIKGRDLWALLRRQYDRVSLMRPQEGDEGRFCINFSRVPSQ

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

**Tag:** C-Myc/DDK  
**Predicted MW:** 53.3 kDa  
**Concentration:** >0.05 µg/µL as determined by microplate BCA method  
**Purity:** > 80% as determined by SDS-PAGE and Coomassie blue staining  
**Buffer:** 25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol  
**Preparation:** Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.  
**Note:** For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.  
**Storage:** Store at -80°C.  
**Stability:** Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.  
**RefSeq:** [NP\\_477520](#)



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Locus ID:	118429
UniProt ID:	<a href="#">P58335</a>
RefSeq Size:	3881
Cytogenetics:	4q21.21
RefSeq ORF:	1464
Synonyms:	CMG-2; CMG2; HFS; ISH; JHF
Summary:	This gene encodes a receptor for anthrax toxin. The protein binds to collagen IV and laminin, suggesting that it may be involved in extracellular matrix adhesion. Mutations in this gene cause juvenile hyaline fibromatosis and infantile systemic hyalinosis. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Mar 2009]
Protein Families:	Druggable Genome, Transmembrane

### Product images:



Coomassie blue staining of purified ANTXR2 protein (Cat# [TP318589]). The protein was produced from HEK293T cells transfected with ANTXR2 cDNA clone (Cat# [RC218589]) using MegaTran 2.0 (Cat# [TT210002]).