

## 32-3191: ANT XR2 Recombinant Protein

**Alternative Name :** Anthrax toxin receptor 2,ANTXR2,Capillary morphogenesis gene 2 protein,CMG-2,CMG2,mCMG2,HFS,ISH,JHF.

### Description

Source : E.coli. ANT XR2 Human Recombinant produced in E.coli is a single, non-glycosylated polypeptide chain containing 307 amino acids (34-317) and having a molecular mass of 33 kDa.ANTXR2 is fused to a 23 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Anthrax toxin receptor 2, also known as ANT XR2, takes part in the configuration of little blood vessels (capillaries). ANT XR2 helps the toxin that leads to anthrax to attach to cells and trigger illness. ANT XR2 is necessary for cellular interactions with laminin and the extracellular matrix.

### Product Info

**Amount :** 10 µg

**Purification :** Greater than 90% as determined by SDS-PAGE.

**Content :** The ANT XR2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1mM DTT and 0.1M NaCl.

**Storage condition :** Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA).Avoid multiple freeze-thaw cycles.

**Amino Acid :** MGSSHHHHHH SSGLVPRGSH MGSQEQPSCR RAFDLYFVLD KSGSVANNWI EIYNFVQQLA  
ERFVSPERMRL SFIVFSSQAT IILPLTGDRG KISKGLEDLK RVSPVGETYI HEGLKLANEQ IQKAGGLKTS  
SIIIALTDGK LDGLVPSYAE KEAKISRSLG ASVYCVGVLD FEQAQLERIA DSKEQVFPVK GGFQALKGII  
NSILAQSCTE ILELQPSSVC VGEEFQIVLS GRGFMLGSRN GSVLCTYTVN ETYTTSVKPV SVQLNSMLCP  
APILNKAGET LDVSVSFNGG KSVISGSLIV TATECSN.

