

# Product information



## ANTXR2, 34-317aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP2762

**Full name:** Anthrax toxin receptor 2

**NCBI Accession No.:** NP\_001139266

**Synonyms:** CMG-2, m CMG2, HFS, ISH, JHF

**Description:** ANTXR2 is called anthrax toxin receptor 2 because it allows the toxin that causes anthrax to attach to cells and trigger disease. This protein is involved in the formation of tiny blood vessels (capillaries). It is also important for maintaining the structure of basement membranes, which are thin, sheet-like structures that separate and support cells in many tissues. Recombinant human ANTXR2 protein, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques.

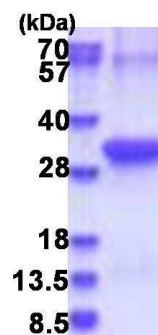
**Form:** Liquid. 20mM Tris-HCl buffer (pH8.0) containing 10% glycerol

1mM DTT, 0.1M NaCl

**Molecular Weight:** 33.0 kDa(307aa) confirmed by MALDI-TOF

**Purity:** > 90% by SDS - PAGE

**Concentration:** 0.25 mg/ml (determined by Bradford assay)



15% SDS-PAGE (3ug)

### Sequences of amino acids:

MGSSHHHHH 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

### General references:

Scobie HM, A. *et al.* (2003) *Proc Natl Acad Sci U S A.* 100 : 5170–5174.

Abrami L. *et al.* (2003) *J. Cell Biol.* 160 : 321–328

**Storage:** Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.  
Avoid repeated freezing and thawing cycles.

**For research use only. This product is not intended or approved for human, diagnostics or veterinary use.**



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