

Anthrax Toxin Receptor 2 Human Recombinant

Item Number	rAP-4192
Synonyms	Anthrax toxin receptor 2, ANTXR2, Capillary morphogenesis gene 2 protein, CMG-2, CMG2, m CMG2, HFS, ISH, JHF.
Description	ANTXR2 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.
Uniprot Accession Number	P58335
Amino Acid Sequence	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 KSVISGLIV TATECSN.
Source	E.coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. 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.
Formulation and Purity	The ANTXR2 solution (0.25mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 10% glycerol, 1mM DTT and 0.1M NaCl. Greater than 90% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**