Recombinant Human ANTXR2 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ANTXR2-2087H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ANTXR2 MS Standard C13 and N15-labeled recombinant protein (NP_477520) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	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.
Molecular Mass	53.3 kDa
AA Sequence	MVAERSPARSPGSWLFPGLWLLVLSGPGGLLRAQEQPSCRRAFDLYFVLDKSGSV ANNWIEIYNFVQQLAERFVSPEMRLSFIVFSSQATIILPLTGDRGKISKGLEDLKRVSP VGETYIHEGLKLANEQIQKAGGLKTSSIIIALTDGKLDGLVPSYAEKEAKISRSLGASV YCVGVLDFEQAQLERIADSKEQVFPVKGGFQALKGIINSILAQSCTEILELQPSSVCV GEEFQIVLSGRGFMLGSRNGSVLCTYTVNETYTTSVKPVSVQLNSMLCPAPILNKAG ETLDVSVSFNGGKSVISGSLIVTATECSNGIAAIIVILVLLLLLGIGLMWWFWPLCCKVV IKDPPPPPPPAPKEEEEEPLPTKKWPTVDASYYGGRGVGGIKRMEVRWGDKGSTE EGARLEKAKNAVVKIPEETEEPIRPRPPRPKPTHQPPQTKWYTPIKGRLDALWALLR RQYDRVSLMRPQEGDEGRCINFSRVPSQTRTRPLEQKLISEEDLAANDILDYKDDDD

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	KV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	ANTXR2 anthrax toxin receptor 2 [Homo sapiens (human)]
Official Symbol	ANTXR2
Synonyms	ANTXR2; anthrax toxin receptor 2; capillary morphogenesis protein 2; CMG 2; CMG2; FLJ31074; capillary morphogenesis gene 2 protein; ISH; JHF; CMG-2; MGC45856; MGC111533;
Gene ID	118429
mRNA Refseq	NM_058172
Protein Refseq	NP_477520
MIM	608041

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UniProt ID	P58335
SDS-PAGE	

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