

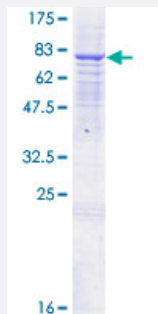
Full-Length

ANTXR2 (Human) Recombinant Protein (P01)

Catalog # H00118429-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human ANXR2 full-length ORF (NP_477520.2, 1 a.a. - 488 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MVAERSPARSPGSWLFPGWLWLLVLSGPGGLLRAQEQPSCRRAFDLVFVLDKSGSVANNWIEYN
FVQQLAERFVSPERMRLSFIVSSQATILPLTGDRGKISKGLEDLKRVSPVGETYIHEGLKLANEQIQ
KAGGLKTSSIIALTDGKLDGLVPSYAEKEAKISRSLGASVYCVGVLDFEQAQLERIADSKEQVFPV
KGGFQALKGIINSILAQSCTEILELQPSSVCVGEEFQVLSGRGFMGLSRNGSVLCTYTVNETYTTSV
KPVSVQLNSMLCPAPILNKAGETLDVSVSFNGGKSVISGLIVTATECSNGIAAIVLVLGGLM
WWFWPLCCKVVIKDP PPPPAPAPKEEEEEPLTKKWPTVDASYGGRGVGGIKRMEVRWGDK
GSTEEGARLEKAKNAVVKIPEETEEPIRPPRPKPTHQPPQTKWYTPIKGRDLALWALLRRQYD
RVSLMRPQEGDEGRCINFSRVPSQ

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

79.9

Interspecies Antigen Sequence

Mouse (84)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ANTXR2

Entrez GeneID	118429
GeneBank Accession#	NM_058172.3
Protein Accession#	NP_477520.2
Gene Name	ANTXR2
Gene Alias	CMG-2, CMG2, FLJ31074, ISH, JHF, MGC111533, MGC45856
Gene Description	anthrax toxin receptor 2
Omim ID	228600 236490 608041
Gene Ontology	Hyperlink
Gene 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]
Other Designations	capillary morphogenesis protein 2

Disease

- [Celiac Disease](#)
- [Genetic Predisposition to Disease](#)
- [Spondylitis](#)