

Recombinant Mouse Anxa2 protein, His/T7-tagged

Cat. No. Anxa2-3495M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Anxa2(Val46~Glu181) fused with His/T7 tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	Val46~Glu181
Form	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Molecular Mass	19.1kDa
AA Sequence	MGSSHHHHHH SSGLVPRGSH MASMTGGQQM GRGSEF-VKTKG VDEVTIVNIL TNRSNVQRQD IAFAYQRRTK KELPSALKSA LSGHLETVIL GLLKTPAQYD ASELKASMKG LGTDEDSLIE IICSRNQL QEINRVYKEM YKTDLEKDII SDTSGDFRKL MVALAKGRRRA E
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 95%
Applications	SDS-PAGE; WB; ELISA; IP.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and

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store at -80 centigrade for 12 months.

Reconstitution Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name [Anxa2 annexin A2 \[Mus musculus \]](#)

Official Symbol [Anxa2](#)

Synonyms

ANXA2; annexin A2; p36; PAP-IV; annexin-2; protein I; annexin II; lipocortin II; chromobindin 8; chromobindin-8; 33-kDa calcimedlin; 36-kDa calelectrin; calpactin I heavy chain; calpactin-1 heavy chain; placental anticoagulant protein IV; 33kDa lymphocyte Ca²⁺ - binding protein; 33-kDa lymphocyte Ca²⁺ Cal1h; AW215814;

Gene ID [12306](#)

mRNA Refseq [NM_007585](#)

Protein Refseq [NP_031611](#)

MIM

UniProt ID [Q542G9](#)

Chromosome Location 9 C; 9 38.58 cM

Pathway Prostaglandin Synthesis and Regulation, organism-specific biosystem;

Function

Rab GTPase binding; calcium ion binding; calcium-dependent phospholipid binding; cytoskeletal protein binding; phosphatidylinositol-4,5-bisphosphate binding;

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phospholipase inhibitor activity; protein binding;

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