

Annexin A2 Recombinant Protein | ANXA2 recombinant protein

Recombinant Annexin A2 (ANXA2)

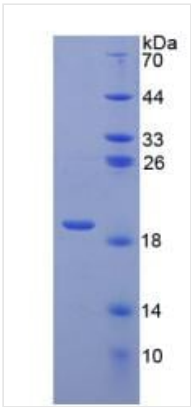
CATALOG # AAA144311	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Annexin A2; Recombinant Annexin A2 (ANXA2); ANXA2 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>95%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Concentration	9 (varies by lot)
Sequence	The target protein is fused with two N-terminal Tags, His-tag and T7-tag. The sequence is listed below. MGSSHHHH HHSSGLVPRG SHMASMTGGQ QMGRGSEF-V KTKGVDEVTI VNILTNRSNV QRQDIAFAYQ RRTKKELPSA LKSALSGHLE TVILGLLKTP AQYDASELKA SMKGLGTDED SLIEIICSRT NQELQEINRV YKEMYKTDLE KDIISDTSGD FRKLMVALAK GRRAE
Sequence Length	339
Applicable Applications for ANXA2 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	19.1kDa
Accurate Molecular Mass (KD)	17kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	N-terminal His-Tag
Organism Species	Mus musculus (Mouse)
Fragment	Gly49~Ala195
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

VDEVTIVNII TNRSNVQRQD IAFAYQRRTK KELPSALKSA LSGHLETVIL VKTKG
GLLKTPAQYD ASELKASMKG LGTDEDSLIE IICSRTNQEL QEINRVYKEM
YKTDLEKDII SDTSGDFRKL MVALAKGRRA E

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	54020966
NCBI GeneID	406192
NCBI Accession #	NP_001005726.1
NCBI GenBank Nucleotide #	NM_001005726.1
Molecular Weight	38,534 Da
NCBI Official Full Name	annexin A2
NCBI Official Symbol	ANXA2
NCBI Protein Information	annexin A2
UniProt Protein Name	Annexin A2
UniProt Gene Name	ANXA2
UniProt Synonym Gene Names	ANX2; PAP-IV
UniProt Entry Name	ANXA2_PIG

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.