Canis lupus familiaris ANXA2 Protein, His Tag

Cat. No. PME-D100002

PRODUCT INFORMATION

Target	ANXA2
Synonyms	Annexin A2;Annexin-2
Description	Recombinant canis ANXA2 protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	Q6TEQ7
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	ANXA2(Ser2-Asp339) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 39.3 kDa after removal of the signal peptide. The apparent molecular mass of dANXA2-His is approximately 35-55 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage&Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes a member of the annexin family. Members of this calcium-dependent phospholipid-binding protein family play a role in the regulation of cellular growth and in signal transduction pathways. This protein functions as an autocrine factor which heightens osteoclast formation and bone resorption. This gene has three pseudogenes located on chromosomes 4, 9 and 10, respectively. Multiple alternatively spliced transcript variants encoding different isoforms have been found for this gene. Annexin A2 expression has been found to correlate with resistance to treatment against various cancer forms. [provided by RefSeq, Dec 2019]
Usage	Research use only
Conjugate	Unconjugated

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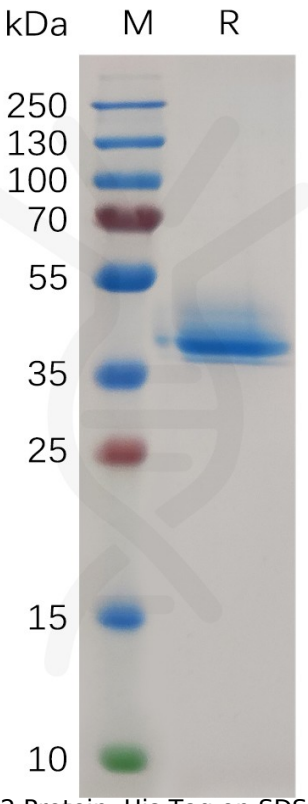


Figure 1. Canis ANXA2 Protein, His Tag on SDS-PAGE under reducing condition.

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