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Datasheet for ABIN7490891

Annexin A2 Protein (ANXA2) (His tag)

Overview

Quantity:	100 µg
Target:	Annexin A2 (ANXA2)
Origin:	Dog
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This Annexin A2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant canis ANXA2 protein with C-terminal 6xHis tag
Specificity:	ANXA2 (Ser2-Asp339) 6xHis tag
Characteristics:	Extracellular Domain Protein
Purity:	The purity of the protein is greater than 85 % as determined by SDS-PAGE and Coomassie blue staining.

Target Details

Target:	Annexin A2 (ANXA2)
Alternative Name:	ANXA2 (ANXA2 Products)
Background:	<p>Annexin A2, Annexin-2</p> <p>Description: 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</p>

Target Details

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]

Molecular Weight: predicted molecular mass of 39.3 kDa after removal of the signal peptide. The apparent molecular mass of dANXA2-His is 35-55 kDa due to glycosylation.

UniProt: [P07355](#)

Pathways: [S100 Proteins](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose is added as protectants before lyophilization.

Storage: -20 °C, -80 °C

Storage Comment: 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.

Expiry Date: 12 months