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Datasheet for ABIN7318161 **Annexin A2 Protein (ANXA2)**

Overview

Quantity:	50 µg
Target:	Annexin A2 (ANXA2)
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant

Product Details

Purpose:	Recombinant Human Annexin A2/ANXA2 Protein
Sequence:	Ser2-Asp339
Characteristics:	Recombinant Human Annexin A2 is produced by our E.coli expression system and the target gene encoding Ser2-Asp339 is expressed.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	Annexin A2 (ANXA2)
Alternative Name:	Annexin A2/ANXA2 (ANXA2 Products)
Background:	Background: Annexin A2 (ANXA2) is a member of the annexin family and has roles in the regulation of cellular growth and in signal transduction pathways. ANXA2 protein is associated with sickle cell osteonecrosis and the expression reduce of ANXA2 is associated with osteosarcoma metastases. ANXA2 functions as an autocrine factor, it can increases osteoclast

Target Details

formation and bone resorption. ANXA2 is involved in muscular dystrophies. In humans, the up-regulation of ANXA2 is related with colon adenocarcinoma cell differentiation.

Synonym: Annexin A2, Annexin II, Annexin-2, Calpactin I Heavy Chain, Calpactin-1 Heavy Chain, Chromobindin-8, Lipocortin II, Placental Anticoagulant Protein IV, PAP-IV, Protein I, p36, ANXA2, ANX2, ANX2L4, CAL1H, LPC2D

Molecular Weight: 38.6 kDa

UniProt: [P07355](#)

Pathways: [S100 Proteins](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM TrisHCl, 150 mM NaCl, 1 mM EDTA, pH 7.5.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.