

## Recombinant Human ANXA4 Protein, His-tagged

Cat. No. ANXA4-001H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human ANXA4 Protein 1-321 aa (full-length) with a 6xHis tag was expressed in E.coli.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-321 a.a.
<b>Description</b>	<p>Annexin IV (ANX4) belongs to the annexin family of calcium-dependent phospholipid binding proteins. Although their functions are still not clearly defined, several members of the annexin family have been implicated in membrane-related events along exocytotic and endocytotic pathways. ANX4 has 45 to 59% identity with other members of its family and shares a similar size and exon-intron organization. Isolated from human placenta, ANX4 encodes a protein that has possible interactions with ATP, and has in vitro anticoagulant activity and also inhibits phospholipase A2 activity. ANX4 is almost exclusively expressed in epithelial cells. Several transcript variants encoding different isoforms have been found for this gene.</p>
<b>Molecular Mass</b>	3.7 kDa
<b>Purity</b>	>99% confirmed by 10% SDS-PAGE stained with Coomassie Blue (CB).
<b>Applications</b>	ELISA, WB, Antibody Production, Protein array

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<b>Quality Control Test</b>	10% SDS-PAGE stained with Coomassie Blue (CB), immunoblotting with anti-annexin A4 monoclonal (WB) and peptide fingerprinting by MALDI-TOF mass spectrometry.
<b>Storage</b>	Store working aliquots at 4 centigrade for up to one week. For extended storage, conserve at -80 centigrade.
<b>Expiry</b>	12 months from the date of purchase, if it is properly stored.
<b>Storage Buffer</b>	Phosphate-Buffered Saline (PBS), pH 7.4 and 30% glycerol. No preservatives added.

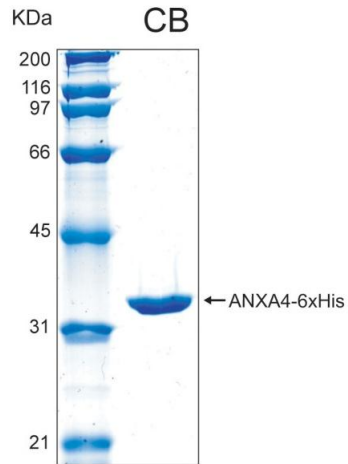
## GENE INFORMATION

<b>Gene Name</b>	<a href="#">ANXA4 annexin A4 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	<a href="#">ANXA4</a>
<b>Synonyms</b>	ANXA4; annexin A4; ANX4; P32.5; PIG28; PP4-X; ZAP36; PAP-II; HEL-S-274; annexin A4; 35-beta calcimedlin; annexin IV (placental anticoagulant protein II); nnexin-4; carbohydrate-binding protein p33/p41; chromobindin-4; endonexin I; epididymis secretory protein Li 274; lipocortin IV; placental anticoagulant protein II; proliferation-inducing gene 28; proliferation-inducing protein 28; protein II
<b>Gene ID</b>	<a href="#">307</a>
<b>mRNA Refseq</b>	<a href="#">NM_001153</a>
<b>Protein Refseq</b>	<a href="#">NP_001144</a>
<b>MIM</b>	<a href="#">106491</a>
<b>UniProt ID</b>	<a href="#">P09525</a>

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