

## Recombinant Human ANXA4 293 Cell Lysate

Cat. No. ANXA4-8831HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Antigen standard for annexin A4 (ANXA4) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
<b>Components</b>	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
<b>Size</b>	0.1 mg
<b>Storage Instruction</b>	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.
<b>Applications</b>	ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

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## GENE INFORMATION

<b>Gene Name</b>	ANXA4 annexin A4 [ Homo sapiens ]
<b>Official Symbol</b>	ANXA4
<b>Synonyms</b>	ANXA4; annexin A4; ANX4; P32.5; PP4-X; PAP-II; annexin-4; protein II; endonexin I; lipocortin IV; chromobindin-4; 35-beta calcimedlin; proliferation-inducing gene 28; proliferation-inducing protein 28; placental anticoagulant protein II; carbohydrate-binding protein p33/p41; annexin IV (placental anticoagulant protein II); PIG28; ZAP36; MGC75105; DKFZp686H02120;
<b>Gene ID</b>	307
<b>mRNA Refseq</b>	NM_001153
<b>Protein Refseq</b>	NP_001144
<b>MIM</b>	106491
<b>UniProt ID</b>	P09525
<b>Chromosome Location</b>	2p13.3
<b>Pathway</b>	Prostaglandin Synthesis and Regulation, organism-specific biosystem;
<b>Function</b>	calcium ion binding; calcium ion binding; calcium-dependent phospholipid binding; calcium-dependent phospholipid binding; calcium-dependent phospholipid binding; phospholipase inhibitor activity;

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