

## Recombinant Human ANXA11 293 Cell Lysate

Cat. No. ANXA11-8837HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	Antigen standard for annexin A11 (ANXA11), transcript variant a 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

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mixture at room temperature for 30 min). Load 5 ug lysate per lane.

## GENE INFORMATION

**Gene Name** [ANXA11 annexin A11 \[ Homo sapiens \]](#)

**Official Symbol** ANXA11

**Synonyms** ANXA11; annexin A11; ANX11; CAP-50; annexin XI; annexin-11; 56 kDa autoantigen; autoantigen, 56-kD; calyculin-associated annexin 50; CAP50;

**Gene ID** [311](#)

**mRNA Refseq** [NM\\_001157](#)

**Protein Refseq** [NP\\_001148](#)

**MIM** [602572](#)

**UniProt ID** [P50995](#)

**Chromosome Location** 10q22.3

**Function** S100 alpha binding; calcium ion binding; calcium-dependent phospholipid binding; calcium-dependent protein binding; phosphatidylethanolamine binding; protein binding;

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