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## Recombinant Human Annexin A1 Protein

**Catalog Number:** 230-00601

**Data Sheet / Certificate of Analysis (CoA)**

Last Revised: 11/26/2024

### Source

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|-------------------------|-----------------|
| <b>Species</b>          | Human           |
| <b>Accession Number</b> | P04083          |
| <b>Gene Symbols</b>     | ANXA1           |
| <b>Synonyms</b>         | Annexin-1, LPC1 |
| <b>Expressed Region</b> | Ala2-Asn346     |

### Preparation

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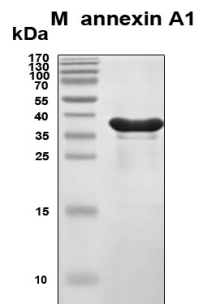
|                          |                             |
|--------------------------|-----------------------------|
| <b>Expression System</b> | E. coli                     |
| <b>Tag</b>               | N-terminal 6x histidine tag |
| <b>Purity</b>            | > 95%                       |
| <b>Molecular Weight</b>  | 41 kDa                      |
| <b>Endotoxin Level</b>   | Not determined              |

### Specifications

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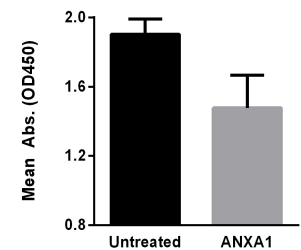
|                       |   |
|-----------------------|---|
| <b>Format</b>         | Lyophilized powder (10, 50, and 100 µg sizes), Liquid (500 µg size)   |
| <b>Formulation</b>    | 0.2 µm filtered solution in PBS   |
| <b>Reconstitution</b> | Briefly spin the vial and bring the contents to the bottom prior to opening. It is recommended to reconstitute at 0.5 - 1.0 mg/mL with sterile deionized water. |

### SDS-PAGE Image



### Activity

Decreasing cell viability significantly. Measured in a cytotoxicity assay using A549 human lung carcinoma cells.



### Shipping

The product is shipped with ice packs. Upon arrival, immediately store it at the temperature recommended below.

### Storage/Stability

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- Upon arrival, the lyophilized protein may be stored for 2 weeks at 4°C.
- For long term storage, it is recommended to store desiccated below -20°C in a manual defrost freezer.
- Generally, the shelf life is up to 12 months from date of receipt at -20°C or -80°C under sterile conditions.
- Following reconstitution, the protein may be stored for 2 weeks under sterile conditions at -20°C. For long term storage, it is recommended to make appropriate aliquots at -20°C or -80°C.