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## Recombinant Human S100-A11 Protein

Catalog Number: [230-00591](#)

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

Last Revised: 01/09/2025

### Source

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<b>Species</b>	Human
<b>Accession Number</b>	P31949
<b>Gene Symbols</b>	S100A11
<b>Synonyms</b>	S100 Calcium Binding Protein A11, Protein S100-A11
<b>Expressed Region</b>	Ala2-Thr105

### Preparation

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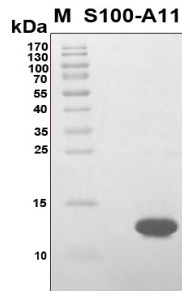
<b>Expression System</b>	E. coli
<b>Tag</b>	N-terminal 6x histidine tag
<b>Purity</b>	> 95%
<b>Molecular Weight</b>	14 kDa
<b>Endotoxin Level</b>	Not determined

### Specifications

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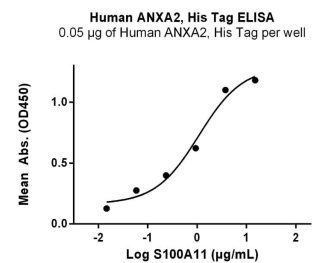
<b>Format</b>	Lyophilized powder
<b>Formulation</b>	Lyophilized from a 0.2 µm filtered solution in PBS.
<b>Reconstitution</b>	Briefly spin the vial and bring the contents to the bottom prior to opening. It is recommended to reconstitute at 0.5 - 1.0 mg/mL with sterile deionized water or 1x PBS.

### SDS-PAGE Image



### Activity

Measured by its binding ability in a functional ELISA. Immobilized recombinant ANXA2 can bind Human S100A11.



### Shipping

The lyophilized product is shipped at ambient temperature. Upon arrival, immediately store it using the recommendations 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.