

# Recombinant Human S100A11 protein

**Cat. No.** S100A11-3102H    **Lot. No.** (See product label)

## SPECIFICATION

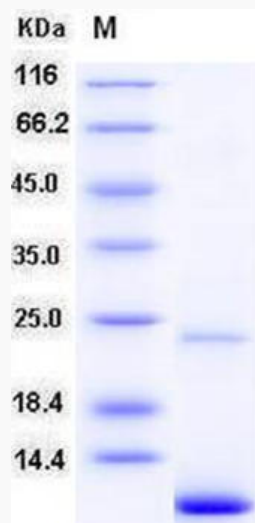
|                         |                                                                                                                                                                                                                           |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human S100A11 protein(NP_005611.1) (Met 1-Thr 105) was expressed in E. coli.                                                                                                                                  |
| <b>Species</b>          | Human                                                                                                                                                                                                                     |
| <b>Source</b>           | E. coli                                                                                                                                                                                                                   |
| <b>ProteinLength</b>    | 1-105 aa                                                                                                                                                                                                                  |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                                                     |
| <b>Molecular Mass</b>   | The recombinant human S100A11 consisting of 105 amino acids and migrates with an apparent molecular mass of 24 & 12 kDa corresponding to dimeric and monomeric form as estimated in SDS-PAGE under non-reduced condition. |
| <b>Purity</b>           | > 97 % as determined by SDS-PAGE                                                                                                                                                                                          |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                                      |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                                             |
| <b>protein Refseq-</b>  | <a href="http://www.ncbi.nlm.nih.gov/protein/NP_005611.1">http://www.ncbi.nlm.nih.gov/protein/NP_005611.1</a>                                                                                                             |

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|                         |                                                                                                                                                                                                                                                                                                        |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Weblink</b>          |                                                                                                                                                                                                                                                                                                        |
| <b>Unit ID</b>          | P31949                                                                                                                                                                                                                                                                                                 |
| <b>Unit ID-Weblink</b>  | <a href="https://www.uniprot.org/uniprotkb/P31949">https://www.uniprot.org/uniprotkb/P31949</a>                                                                                                                                                                                                        |
| <b>GENE INFORMATION</b> |                                                                                                                                                                                                                                                                                                        |
| <b>Gene Name</b>        | S100A11 S100 calcium binding protein A11 [ Homo sapiens ]                                                                                                                                                                                                                                              |
| <b>Official Symbol</b>  | S100A11                                                                                                                                                                                                                                                                                                |
| <b>Synonyms</b>         | S100A11; S100 calcium binding protein A11; S100 calcium binding protein A11 (calgizzarin), S100 calcium binding protein A11 (calgizzarin); protein S100-A11; S100C; MLN 70; calgizzarin; protein S100-C; metastatic lymph node gene 70 protein; S100 calcium-binding protein A11 (calgizzarin); MLN70; |
| <b>Gene ID</b>          | 6282                                                                                                                                                                                                                                                                                                   |
| <b>mRNA Refseq</b>      | NM_005620                                                                                                                                                                                                                                                                                              |
| <b>protein Refseq</b>   | NP_005611                                                                                                                                                                                                                                                                                              |
| <b>MIM</b>              | 603114                                                                                                                                                                                                                                                                                                 |

**SDS-PAGE**

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