

## Recombinant Human S100A7A Protein (2-101 aa), His-tagged

Cat. No. S100A7A-1686H    Lot. No. (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                           |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human S100A7A Protein (2-101 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cell Biology. Protein Description: Partial. |
| <b>Species</b>          | Human                                                                                                                                                                                                     |
| <b>Source</b>           | Yeast                                                                                                                                                                                                     |
| <b>ProteinLength</b>    | 2-101 aa                                                                                                                                                                                                  |
| <b>Description</b>      | May be involved in epidermal differentiation and inflammation and might therefore be important for the pathogenesis of psoriasis and other diseases.                                                      |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                                                           |
| <b>Molecular Mass</b>   | 13.2 kDa                                                                                                                                                                                                  |
| <b>AA Sequence</b>      | SNTQAERSIIGMIDMFHKYTGRDGKIEKPSLLTMMKENFPNFLSACDKKGIHYLATVFEKKDKNEDKKIDFSEFLSLLGDIAADYHKQSHGAAPCSGGSQ                                                                                                      |
| <b>Purity</b>           | > 90% as determined by SDS-PAGE.                                                                                                                                                                          |
| <b>Notes</b>            | Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.                                                                                              |

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**Storage** The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.

**Concentration** A hardcopy of COA with reconstitution instruction is sent along with the products.

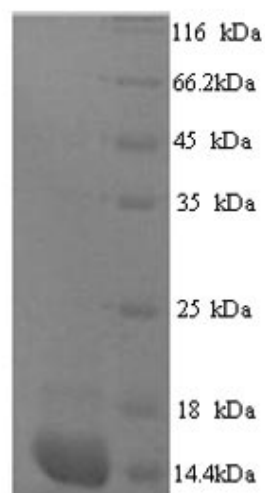
## GENE INFORMATION

|                        |                                                                |
|------------------------|----------------------------------------------------------------|
| <b>Gene Name</b>       | S100A7A S100 calcium binding protein A7A [ Homo sapiens ]      |
| <b>Official Symbol</b> | S100A7A                                                        |
| <b>Synonyms</b>        | S100A7A; protein S100-A7A; S100A7f; NICE-2; S100A15; S100A7L1; |
| <b>Gene ID</b>         | 338324                                                         |
| <b>mRNA Refseq</b>     | NM_176823                                                      |
| <b>Protein Refseq</b>  | NP_789793                                                      |
| <b>UniProt ID</b>      | Q86SG5                                                         |

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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