

## Recombinant Horse SAA1 Protein (1-110 aa), His-tagged

**Cat. No.** SAA1-2345H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                               |
|-------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Horse SAA1 Protein (1-110 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Protein Description: Full Length. |
| <b>Species</b>          | Horse                                                                                                                                                                         |
| <b>Source</b>           | Yeast                                                                                                                                                                         |
| <b>ProteinLength</b>    | 1-110 aa                                                                                                                                                                      |
| <b>Description</b>      | Major acute phase reactant. Apolipoprotein of the HDL complex.                                                                                                                |
| <b>Form</b>             | Tris-based buffer, 50% glycerol                                                                                                                                               |
| <b>Molecular Mass</b>   | 14.3 kDa                                                                                                                                                                      |
| <b>AA Sequence</b>      | LLSFLGEAARGTWDMIRAYNDMREANYIGADKYFHARGNYDAAKRGPGGAWAAKV<br>ISDARENFQRFTDRFSFGGSGRGAEDSRADQAANEWGRSGKDPNHFRPHGLPDK<br>Y                                                        |
| <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 will be sent along with the products. Please refer to it for detailed information.

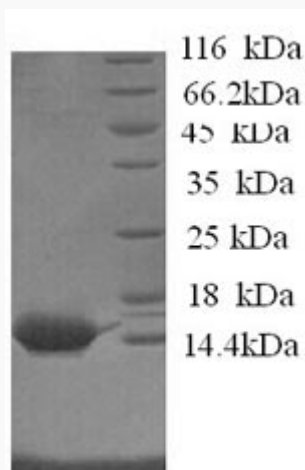
## GENE INFORMATION

|                        |                                                       |
|------------------------|-------------------------------------------------------|
| <b>Gene Name</b>       | SAA1 serum amyloid A1 [ Equus caballus ]              |
| <b>Official Symbol</b> | SAA1                                                  |
| <b>Synonyms</b>        | SAA1; serum amyloid A1; serum amyloid A protein; SAA; |
| <b>Gene ID</b>         | 100034017                                             |
| <b>mRNA Refseq</b>     | NM_001163892                                          |
| <b>Protein Refseq</b>  | NP_001157364                                          |
| <b>UniProt ID</b>      | P19857                                                |

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

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