

## Recombinant Cattle CSN1S1 protein, His-tagged

**Cat. No.** CSN1S1-1664C    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                             |
|-------------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Cattle CSN1S1 aa. (16~187aa(Accession # P02662)) fused with N-terminal His tag was produced in E. coli cells.                   |
| <b>Species</b>          | Cattle                                                                                                                                      |
| <b>Source</b>           | E.coli                                                                                                                                      |
| <b>ProteinLength</b>    | 16-187aa                                                                                                                                    |
| <b>Form</b>             | Freeze-dried powder                                                                                                                         |
| <b>Molecular Mass</b>   | 30kDa as determined by SDS-PAGE reducing conditions.                                                                                        |
| <b>Purity</b>           | >90%                                                                                                                                        |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.                                  |
| <b>Storage Buffer</b>   | Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative. |
| <b>Reconstitution</b>   | Reconstitute in sterile ddH2O.                                                                                                              |

### GENE INFORMATION

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|------------------------|------------------------------------------------|
| <b>Gene Name</b>       | CSN1S1 casein alpha s1 [ Bos taurus (cattle) ] |
| <b>Official Symbol</b> | CSN1S1                                         |
| <b>Synonyms</b>        | CSN1S1; CSN1; alpha-S1-casein; casein alpha-S1 |
| <b>Gene ID</b>         | 282208                                         |
| <b>mRNA Refseq</b>     | NM_181029.2                                    |
| <b>Protein Refseq</b>  | NP_851372.1                                    |
| <b>UniProt ID</b>      | P02662                                         |

