

## Casein Beta (CSN2) Recombinant Protein | CSN2 recombinant protein

Recombinant Casein Beta (CSN2)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA150333</b> | HOST<br><b>E.coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

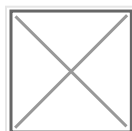
### PRODUCT SYNONYMS

Casein Beta (CSN2); Recombinant Casein Beta (CSN2); CSN2 recombinant protein

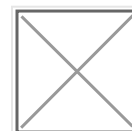
### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                 | E.coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Purity/Purification                                  | > 90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Form/Format                                          | 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Concentration                                        | Original Concentration: 200ug/mL (varies by lot)                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Applicable Applications for CSN2 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Organism Species                                     | Bos taurus; Bovine (Cattle)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Source                                               | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Residues                                             | Arg16~Val224                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Tags                                                 | N-terminal His Tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Subcellular Location                                 | Secreted                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| Traits                                               | Freeze-dried powder                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Usage                                                | Reconstitute in ddH2O to a concentration of 0-0.5 mg/mL. Do not vortex.                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Preparation and Storage                              | <p><b>Storage:</b><br/>Avoid repeated freeze/thaw cycles.<br/>Store at 2-8°C for one month.<br/>Aliquot and store at -80°C for 12 months.</p> <p><b>Stability Test:</b><br/>The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.</p> |

### IMAGES



SDS-PAGE


Gene Sequence  
Gene Sequencing



Sequence

## NCBI AND UNIPROT INFORMATION

### Molecular Weight

Predicted isoelectric point: 4.9

Predicted Molecular Mass: 27.3kDa

Accurate Molecular Mass: 30kDa as determined by SDS-PAGE reducing conditions.

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)

Online datasheet: <https://stage.aaabiotech.com/casein-beta-csn2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/150333>