

## 32-8321: Recombinant Human beta-Casein/CSN2/CASB (N-6His)(Discontinued)

**Gene :** CSN2  
**Gene ID :** 1447  
**Uniprot ID :** P05814

### Description

Source: E. coli.  
MW :24.3kD.

Recombinant Human beta-casein is produced by our E.coli expression system and the target gene encoding Glu26-Val226 is expressed with a 6His tag at the N-terminus. Beta-casein is a protein that in humans is encoded by the CSN2 gene. Beta-casein is a 226 amino acids protein that belongs to the beta-casein family. It is secreted in milk. Beta-casein plays an important role in the determination of the surface properties of the casein micelles.

### Product Info

**Amount :** 10 µg / 50 µg  
**Content :** Lyophilized from a 0.2 µm filtered solution of PBS with 5% trehalose, pH 7.4. Reconstitute with sterile water.  
**Storage condition :** Lyophilized protein should be stored at -20°C for 12 months. Reconstituted protein solution can be stored at 4-7°C for 1 month. Aliquots of reconstituted samples are stable at -20°C for 3 months.  
**Amino Acid :** MNHKVHHHHHMEESITEYKQKVEKVKHEDQQQGEDEHQDKIYPSFQPQPLIYPFVEPIPYGFLPQNILPLAQP  
AVVLPVPQPEIMEVPAKADTVYTKGRVMPVLKSPTIPFFDPQIPKLTDLNHLPLPLQPLMQQVPPQIPQTLALP  
PQPLWSVPQPKVLPQPQVVPYQRAVPVQALLLNQELLLNPTHQIYPVTQPLAPVHNPIVS

### Application Note

**Endotoxin :** Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.

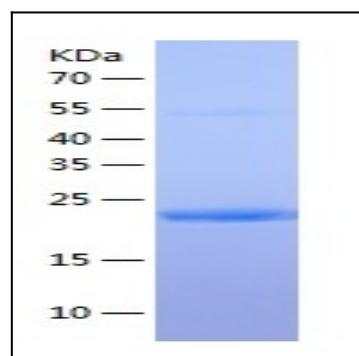


Fig-1: Recombinant Human beta-Casein was run on a 4-20% SDS-PAGE gel followed by Coomassie blue staining.