

Datasheet for ABIN7504972

CSN2 Protein (AA 26-226) (His tag)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CSN2
Protein Characteristics:	AA 26-226
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This CSN2 protein is labelled with His tag.

Product Details

Sequence:	Glu26-Val226
Characteristics:	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.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	<1.0 EU per µg of the protein as determined by the LAL method.

Target Details

Target:	CSN2
Alternative Name:	beta-Casein (CSN2 Products)
Background:	Abbreviation: β-Casein,CSN2 Target Synonym: β-Casein,CSN2 Background: Beta-casein is a protein that in humans is encoded by the CSN2 gene.Beta-casein

Target Details

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.

Molecular Weight: Calculated MW: 24.3 kDa
Observed MW: 25-28 kDa

UniProt: [P05814](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Buffer: Lyophilized from sterile PBS, pH 7.4.
Normally 5 % - 8 % trehalose, mannitol and 0.01 % Tween80 are added as protectants before lyophilization.

Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.
Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.

Expiry Date: 12 months