



Recombinant Protein Technical Manual  
Recombinant Human  $\beta$ -Casein/CSN2 Protein (His  
Tag)  
RPES3466

### Product Data:

**Product SKU:** RPES3466

**Size:** 10 $\mu$ g

**Species:** Human

**Expression host:** E. coli

**Uniprot:** P05814

### Protein Information:

**Molecular Mass:** 24.3 kDa

**AP Molecular Mass:** 25-28 kDa

**Tag:** N-6His

**Bio-activity:**

**Purity:** > 95 % as determined by reducing SDS-PAGE.

**Endotoxin:** < 1.0 EU per  $\mu$ g as determined by the LAL method.

**Storage:** Store at < -20°C, stable for 6 months. Please minimize freeze-thaw cycles.

**Shipping:** This product is provided as liquid. It is shipped at frozen temperature with blue ice/gel packs. Upon receipt, store it immediately at < -20°C.

**Formulation:** Lyophilized from a 0.2  $\mu$ m filtered solution of PBS, pH7.4.

**Reconstitution:** Please refer to the printed manual for detailed information.

**Application:**

**Synonyms:** CSN2;CASB

## Immunogen Information:

**Sequence:** Glu26-Val226

## Background:

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.