

Recombinant Human β -Casein/CSN2 Protein (His Tag)

Catalog Number:PDEH100056



Note: Centrifuge before opening to ensure complete recovery of vial contents.

Description

Synonyms	β -Casein;CSN2
Species	Human
Expression Host	E.coli
Sequence	Glu26-Val226
Accession	P05814
Calculated Molecular Weight	24.3 kDa
Observed molecular weight	25-28 kDa
Tag	N-His

Properties

Purity	> 95 % as determined by reducing SDS-PAGE.
Endotoxin	< 1.0 EU per μ g of the protein as determined by the LAL method.
Storage	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.
Shipping	This product is provided as lyophilized powder which is shipped with ice packs.
Formulation	Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8 % trehalose, mannitol and 0.01% Tween80 are added as protectants before lyophilization. Please refer to the specific buffer information in the printed manual.
Reconstitution	Please refer to the printed manual for detailed information.

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 important role in determination of the surface properties of the casein micelles.

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