
Product Data Sheet

Product Name: CSN2 Human

Cat. No.: GP23247

Batch No.: 1

Product Data

Purity	>98%	Source	Escherichia Coli.
Physical Appearance	solid	Shipping Condition	Shipped with Ice Packs.
Synonyms	Beta-casein; CSN2; CASB.		
Amino Acid Sequence	MGSSHHHHHH SGLVPRGSH MGSHMRETIE SLSSEESIT EYKQKVEKVK HEDQQQGEDE HQDKIYPSFQ PQPLIYPFVE PIPYGFLPQN ILPLAQPAAV LPVPQPEIME VPKAKDTVYT KGRVMPVLKS PTIPFFDPQI PKLTDLENLH LPLPLLQPLM QQVPQPIPQT LALPPQPLWSVPQPKVLPPI QQVVPYPQRA VPVQALLLNQ ELLLNPTHQI YPVTQPLAPV HNPISV.		
Formulation	CSN2 protein solution (0.25mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol, 0.5M NaCl, 0.25M imidazole, 1mM DTT and 0.1mM PMSF.		

Introduction

Beta-casein precursor (CSN2) is a member of the beta-casein family. CSN2 has an imperative role in determination of the surface properties of the casein micelles. CSN2 is specific to mammary glands and is secreted in milk.

Stability

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

Background

CSN2 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 236 amino acids (16-226 a.a.) and having a molecular mass of 26.6kDa. CSN2 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

Address: 10292 Central Ave. #205, Montclair, CA, USA
