

CSN2 Human

Description: 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.

Catalog #: PRPS-1054

For research use only.

Synonyms: Beta-casein, CSN2, CASB.

Source: Escherichia Coli.

Physical Appearance: Sterile Filtered clear solution.

Amino Acid Sequence: MGSSHHHHHH SSGLVPRGSH MGSHMRETIE SLSSSEESIT
EYKQKVEKV K HEDQQQGEDE HQDKIYPSFQ PQPLIYPFVE PIPYGFLPQN ILPLAQPAVV
LPVPQPEIME VPKAKDVTYT KGRVMPVLKS PTIPFFDPQI PKLTDLENLH LPLPLLQPLM
QQVPQPIPQT LALPPQPLWSVPQPKVLPIP QQVVPYPQRA VPVQALLLNQ ELLLNPTHQI
YPVTQPLAPV HNP

Purity: Greater than 95.0% as determined by SDS-PAGE.

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.

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.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. They may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

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.

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