

CSN2, 16-226aa, Human, His tag, E.coli

Cat.NO.: TP01740

3th Edition

Synonyms: Beta-casein, CASB.

Description: CSN2, also known as beta-casein precursor, belongs to the beta-casein family. CSN2 has important role in determination of the surface properties of the casein micelles. Recombinant human CSN2 protein, fused to His-tag at N-terminus, was expressed in E.coli and purified by using conventional chromatography.

Form: Liquid. 20mM Tris-HCl buffer (pH8.0) containing 20% glycerol, 0.2M NaCl, 1mM DTT, 0.1mM PMSF

Molecular Weight: 26.6 kDa (236aa) confirmed by MALDI-TOF

Sequences:

MGSSHHHHHHSSGLVPRGSHMGSHMRETIESLSSEESITEYKQKVEKVKHEDQQQGEDEHQDKIYPSFQPQPLI
YPFVEPIPYGFLPQNILPLAQPAVVLPVPQPEIMEVPAKADTVYTKGRVMPVLKSPTIPFFDPQIPKLTDLNLHLPLP
LLQPLMQQVPQPIQTLALPPQPLWSVPQPKVLPIQQQVVPYPQRAVPVQALLLNQELLNPTHQIYPVTQPLAPVH
NPISV

Purity: > 95% by HPLC

Concentration: 0.25 mg/ml (determined by Bradford assay)

Endotoxin Level: <1.0 EU per 1 ug of protein (determined by LAL method)

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.