

Recombinant Human CSN2 Protein, GST-tagged

Cat. No. CSN2-1984H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CSN2 partial ORF (NP_001882, 127 a.a. - 226 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
Description	This gene is a member of the beta casein family. There are two types of casein protein, beta (encoded by this gene) and kappa, both of which are secreted in human milk. Beta casein is the principal protein in human milk and the primary source of essential amino acids for a suckling infant. Beta and kappa casein proteins acting together form spherical micelles which bind within them important dietary minerals, such as calcium and phosphorous. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Nov 2014]
Molecular Mass	36.74 kDa
AA Sequence	DPQIPKLTDLLENLHLPLLLQPLMQQVPQPIQTLALPPQPLWSVPQPKVLPIPQQVV PYPQRAVPVQALLLNQELLNPTHQIYPVTQPLAPVHNPISV
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

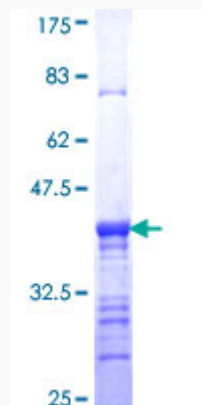
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 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CSN2 casein beta [Homo sapiens]
Official Symbol	CSN2
Synonyms	CSN2; casein beta; CASB; beta-casein;
Gene ID	1447
mRNA Refseq	NM_001891
Protein Refseq	NP_001882
MIM	115460
UniProt ID	P05814

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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