

# Milk Composition. Proteins.



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# Where?

High quality protein in cow milk is one of the key reasons why milk is such an important human food.



The major milk proteins are synthesized in the mammary epithelial cells and are only produced by the mammary gland.

**But** the immunoglobulin and serum albumin in milk are not synthesized by the epithelial cells.

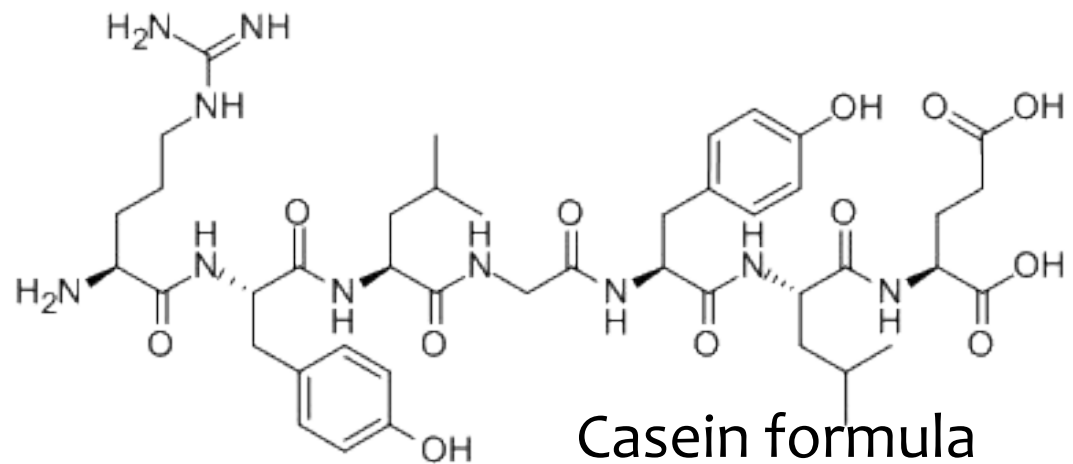


They are absorbed from the blood

# Caseins



Beta-lactoglobulin  
and  
Alpha-lactalbumin



# Some properties

Casein is important for growth and development of the nursing young





**Thank you for  
your attention**