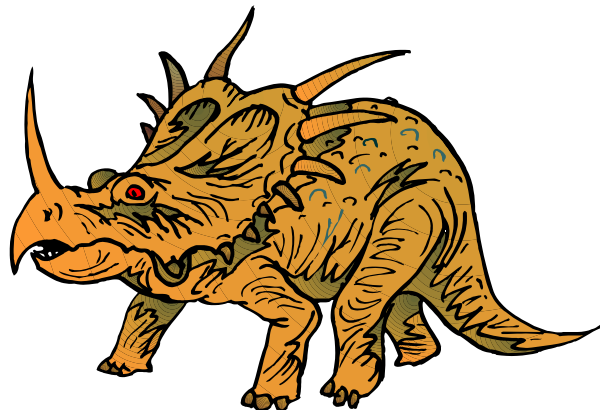


Protein Function Guide

***Term=terminate, or stop codon*

Asn-Arg-Ser-Thr-Asn-Lys-Term	Muscle protein fiber in stomach wall muscle
Ser-Ser-Ser-Ser-Ser-Tyr-Tyr-Term	Hair protein produced in skin cells above the eyes
ARG-GLY-SER-PRO-PRO-SER-PRO – TERM	Hemoglobin protein used by red blood cells to carry Oxygen
TYR-LEU-ASP-GLU-GLY-SER-SER-TERM	Protein used to build the claws on the hind foot
ISO – VAL – VAL – TYR – VAL – GLY – VAL – TERM	Digestive enzyme that breaks down flesh proteins in the stomach
PHE – PRO – PHE – HIS – GLU – TERM	Channel protein in brain cells
GLY – GLY – LEU – THR – TERM	Hormone produced by brain cells when dino is hungry
GLY – GLY – SER – SER – GLY – TERM	Taste bud protein that lines the tongue surface
PHE – HIS – PHE – GLN – TERM	Carrier protein used to concentrate oils in some skin cells
THR – HIS – THR – ALA – ALA – TERM	Tendon protein used to connect leg muscles to the leg bone
ALA- ALA – ALA – ALA – TERM	Digestive enzyme that breaks down fats in the lower intestine
ISO – SER – LEU – MET (START) -ISO – SER – TERM	Digestive enzyme that breaks down sugars in the saliva
ASN – GLY – SER – LYS – ASN – LYS – TERM	Collagen protein fiber forming the inside frame for a tooth
ASP – GLU – TYR – LEU – ASP – GLU – TERM	Marker protein on the surface of red blood cells
ISO – ARG – SER – ARG – ALA – ALA – TERM	Antibiotic protein found in mucous of nasal lining
ISO – TRY – THR – CYS – TERM	Antibody immune system protein for protection from bacteria
ISO – SER – LEU – LEU – LEU – TERM	Protein in retina of the eye used for night vision
GLY – GLY – ARG – ARG – ARG – TERM	Muscle protein fiber used to “swish” tail from side to side
PHE – LEU – LEU – CYS – TERM	Gate protein used to shuttle glucose into liver cells



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Muscle protein fiber in stomach wall muscle

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TYR-LEU-ASP-GLU-GLY-SER-SER-TERM

Protein used to build the claws on the hind foot

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Hormone produced by brain cells when dino is hungry

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