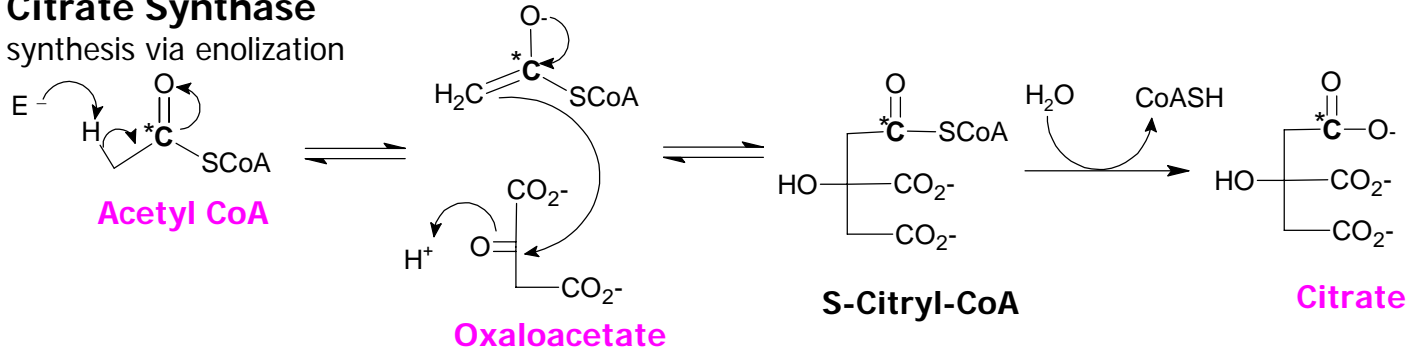


Enzymes of the TCA Cycle

Citrate Synthase

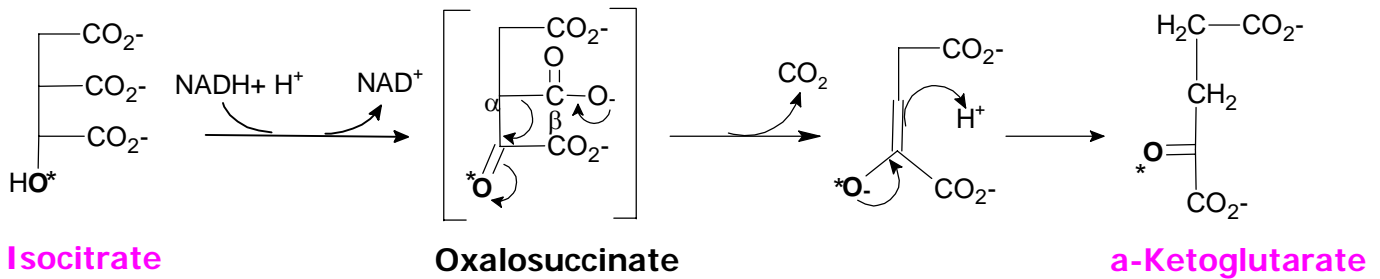
synthesis via enolization



note: observe how labeled carbon in acetyl CoA is incorporated into citrate.

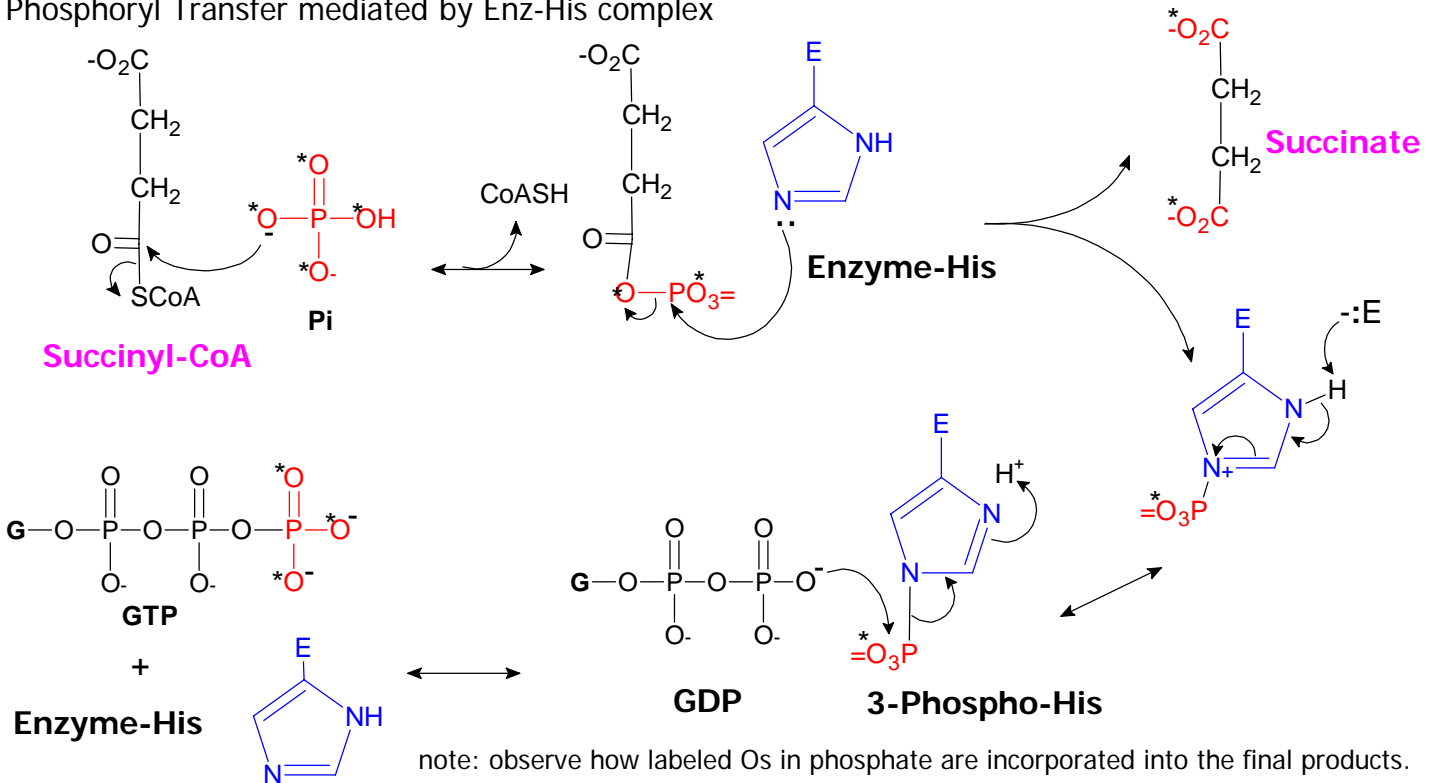
Isocitrate Dehydrogenase

β-keto acid decarboxylation



Succinic Thiokinase

Phosphoryl Transfer mediated by Enz-His complex



note: observe how labeled Os in phosphate are incorporated into the final products.