



C	ofactors as carrier	s	* •	
	Transporting "building block	s" of metabolism	Internal structure irrelevant	
	Cofactor	Carried group		
	Coenzyme A	Acyl groups		
	Tetrahydrofolate (THF)	One-carbon groups (-CH ₃ , -CH ₂ , -CH ⁺ , -CHO) Methyl group (-CH ₃)		
	S-adenosylmethionine (SAM)			
	NAD, NADP	Electrons / hydride i	ons (H-)	
	Heme	Oxygen		
	ATP, GTP	High-energy phosph	ate	
	UDP	Sugars, aminosugars		
	CTP	Lipids (glycerol, chol	ine, ethanolamine)	
		Differs from enzyme-bou	nd cofactors!	100 M







