



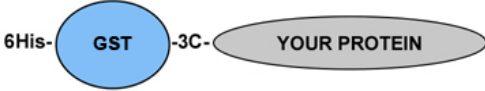
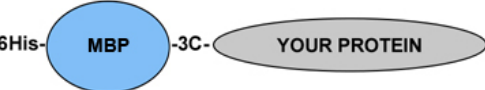























List of Vectors available for HTP Platform, Current July 2013

Vector	N-terminal Fusion Tag	C-terminal Fusion Tag	Vector Diagram
pOPIN-Native	-	-	
pOPIN-NHis	MAHHHHHH-		
pOPIN-CHis	-	-KHHHHH	
pOPIN-NHis-3C	MAHHHHHH- SSGLEVLVFG/GP-	-	
pOPIN-GST	MAHHHHHH-GST-SSGLEVLVFG/GP-	-	
pOPIN-MBP	MAHHHHHH-MBP-SSGLEVLVFG/GP-	-	

pOPIN-SUMO	MGSSHHHHHH-SUMO		
pOPIN-TRX	MAHHHHHH-TRX-SSGLEVLVFG/GP-	-	
pOPIN-SP	Signal peptide	-KHHHHH	
pOPIN-SP3C	Signal peptide-HHHHHH SSGLEVLVFG/GP-	-	
pOPIN-HALO	MAHHHHHH-HALO-SSGLEVLVFG/GP-	-	
pOPIN-TF	MAHHHHHH-TF-SSGLEVLVFG/GP-	-	
pOPIN-NusA	MAHHHHHH-NusA-SSGLEVLVFG/GP-	-	

N-Term Fluorescent Vectors			
pOPIN(n)Cherry	MAHHHHHH-mCherry-SSGLEVLVFG/GP-	-	6His-  -3C- 
pOPIN(n)Citrine	MAHHHHHH-mCitrine-SSGLEVLVFG/GP-	-	6His-  -3C- 
pOPIN(n)EBFP	MAHHHHHH-EBFP-SSGLEVLVFG/GP-	-	6His-  -3C- 
pOPIN(n)EGFP	MAHHHHHH-EGFP-SSGLEVLVFG/GP-	-	6His-  -3C- 
pOPIN(n)ECFP	MAHHHHHH-ECFP-SSGLEVLVFG/GP-	-	6His-  -3C- 

C-Term Fluorescent Vectors			
pOPIN(c)Cherry	-	-FLEVLVQ/GSSG-mCherry-KHHHHHHH*	
pOPIN(c)Citrine	-	-FLEVLVQ/GSSG-mCitrine-KHHHHHHH*	
pOPIN(c)EBFP	-	-FLEVLVQ/GSSG-EBFP-KHHHHHHH*	
pOPIN(c)EGFP	-	-FLEVLVQ/GSSG-EGFP-KHHHHHHH*	
pOPIN(c)ECFP	-	-FLEVLVQ/GSSG-ECFP-KHHHHHHH*	