Cluster K1 Mynx gp81 has both a helix-turn-helix DNA binding domain and a membrane protein. Do I call both of these things?

Membrane domains: gp81 has four transmembrane domains (residues 13 – 136).

TmHmm (Transmembrane prediction)					
Last Updated: 4/21/2017, 4:46:5					
# WEBSEQUENCE	Length: 300				
# WEBSEQUENCE	Number of pre	edicted TMI	Hs: 4		
# WEBSEQUENCE	Exp number o	of AAs in TN	IHs: 87	7.60592	
# WEBSEQUENCE	Exp number, f	first 60 AAs:	39.49	9178	
# WEBSEQUENCE	Total prob of I	N-in: 0.	74462		
# WEBSEQUENCE	POSSIBLE N-	term signal	seque	ence	
WEBSEQUENCE	TMHMM2.0	inside	1	12	
WEBSEQUENCE	TMHMM2.0	TMhelix	13	32	
WEBSEQUENCE	TMHMM2.0	outside	33	41	
WEBSEQUENCE	TMHMM2.0	TMhelix	42	64	
WEBSEQUENCE	TMHMM2.0	inside	65	76	
WEBSEQUENCE	TMHMM2.0	TMhelix	77	99	
WEBSEQUENCE	TMHMM2.0	outside	100	113	
WEBSEQUENCE	TMHMM2.0	TMhelix	114	136	
WEBSEQUENCE	TMHMM2.0	inside	137	300	

Change Log

At the C-terminus there is a helix-turn-helix DNA binding domain (residues 244 – 280)

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Template alignment | Template 3D structure | PDBe
2.
       2M8E_A SLEEPING BEAUTY TRANSPOSASE; DNA Binding Protein, DNA transposition; NMR {synthetic construct}
       Probability: 95.36 E-value: 0.024 Score: 38.64 Aligned Cols: 44 Identities: 18%
                                                              Similarity: 0.222
       Q Consensus 241 tr~~~~VA~VL~~~~g~~~~~Ia~~~gvhhsTV~RIl~aA~~ 284 (300)
                      T Consensus 7
                      ----s-tv----- 50 (57)
       T ss_pred
                       Template alignment | Template 3D structure | PDBe
3.
       5CLV_J TrfB transcriptional repressor protein/DNA Complex; Helix-turn-helix, complex, transcription; 2.5A {Escherichia coli}; Related PDB
       entries: 5CLV_M 5CLV_I 5CLV_E 5CLV_F 5CLV_N
       Probability: 94.9 E-value: 0.042 Score: 39.78 Aligned Cols: 41 Identities: 12% Similarity: 0.065
       Q ss_pred
                      сНННННННННҺҺсСССННННННННСССНННННННННҺһ
       Q Mynx_81 244 DRVKVAEVLAEHEADVKPSMIARKLGVGYSTVVRILDHHTA 284 (300)
       Q Consensus 244 ~~~~VA~VL~~~~g~~~~Ia~~~gvhhsTV~RIl~aA~~ 284 (300)
                     T Consensus 19 ~~~~~~g~s~~eia~~~gis~~tv~~~~~ 59 (65)
       T 5CLV_J 19 GQQTIEIARGVLVDGKPQATFATSLGLTRGAVSQAVHRVWA 59 (65)
       ___assp
T ss_pred
                      СНННННННССССССССТНННННННТССНННННННННН
                     СНННННННННННКСссснннннннссснннннннннн
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