A semisynthetic peptide-metalloporphyrin responsive matrix for artificial photosynthesis

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Abbreviations

3DEM	3D Electron Microscopy
BCA	Bicinchoninic acid
BChl	Bacteriochlorophyll
CD	Circular dichroism
CMC	Critical micelle concentration
Cryo-EM	Cryogenic electron microscopy
CsmA	Chlorosome protein A
CTF	Contrast transfer function
DMSO	Dimethyl sulfoxide
E.coli	Escherichia coli
ET	Electron tomography
FMO	Fenna matthews olson
GuHCl	Guanidine hydrochloride
HG	Hexyl β-D-glucopyranoside
ICP-OES	Inductive coupled plasma optical emission spectrometry
IPTG	Isopropyl β- d-1-thiogalactopyranoside
KPi	Potassium phosphate
LD	Linear dichroism
MBP	Maltose-binding protein
MV	Methyl viologen
NCAP	Non-adiabatic conversion by adiabatic passage
NMR	Nuclear magnetic resonance
OG	Octyl β-D-glucopyranoside
RP-HPLC	Reverse phase high-performance liquid chromatography
SEC	Size exclusion chromatography

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