



CPB-xx-269

Chromogenic Protein Paintbox™ - *E. coli* – pMOTHER vectors

Description

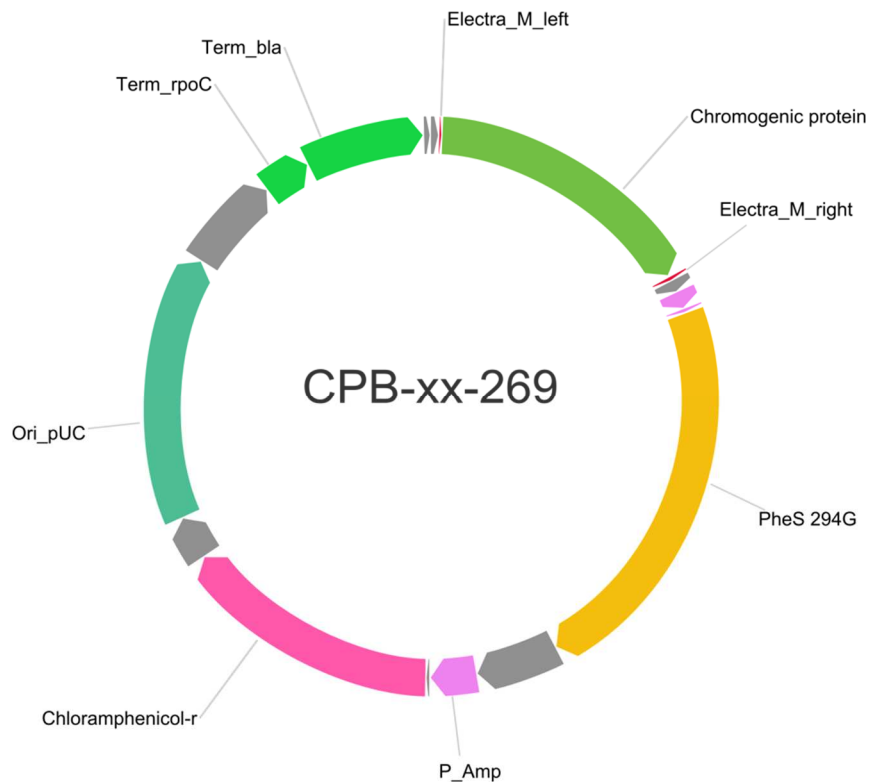
ATUM's chromogenic proteins are intended to be used as a source of different color protein coding sequences (genes) that can be amplified by PCR or easily excised using the flanking Electra (SapI) restriction sites and cloned into any other DAUGHTER expression vector of choice.

ATUM Vectors

Cat # (chlor ^R)	Name	Mol. Wt. kDa	Length (aa)	Maturation at 37°C	Cell toxicity
CPB-33E-269	Blitzen Blue	26.0	232 aa	Fast	not observed
CPB-34E-269	Dreidel Teal	26.5	233 aa	Fast	not observed
CPB-35E-269	Virginia Violet	26.1	232 aa	Fast	not observed
CPB-36E-269	Vixen Purple	26.4	229 aa	Fast	not observed
CPB-37E-269	Prancer Purple	26.4	229 aa	Fast	not observed
CPB-38E-269	Tinsel Purple	26.4	229 aa	Fast	not observed
CPB-39E-269	Maccabee Purple	26.4	229 aa	Fast	not observed
CPB-40E-269	Donner Magenta	26.4	232 aa	Fast	not observed
CPB-41E-269	Cupid Pink	26.6	229 aa	Fast	not observed
CPB-44E-269	Seraphina Pink	25.4	229 aa	Fast	not observed
CPB-45E-269	Scrooge Orange	25.3	232 aa	Fast	not observed
CPB-46E-269	Leor Orange	25.2	233 aa	Fast	not observed

2ug Package size. Store at room temperature. Once DNA is re-suspended in water or TE, store at -20°C.

Chromogenic Protein expression

Vector Map




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Cloning Information

Chromogenic protein can be excised by using SapI to cut the vector. You can easily transfer fluorescent proteins in pMOTHER vectors into any pDAUGHTER vector using the Electra reagents kit.

Vector images are from Gene Designer software (www.atum.bio/genedesigner2). When you purchase this vector, you will receive a complimentary copy of the Gene Designer file for the vector, allowing you to view and manipulate the cloning region and all sequences.

Intellectual Property Statement

Available online: www.atum.bio/company/terms-and-conditions