

His6-GFP Bacterial Expression Vector

Product Information Sheet
TOPO-HIS01



SUMMARY

shipped at RT; store at -20 °C

For research use only

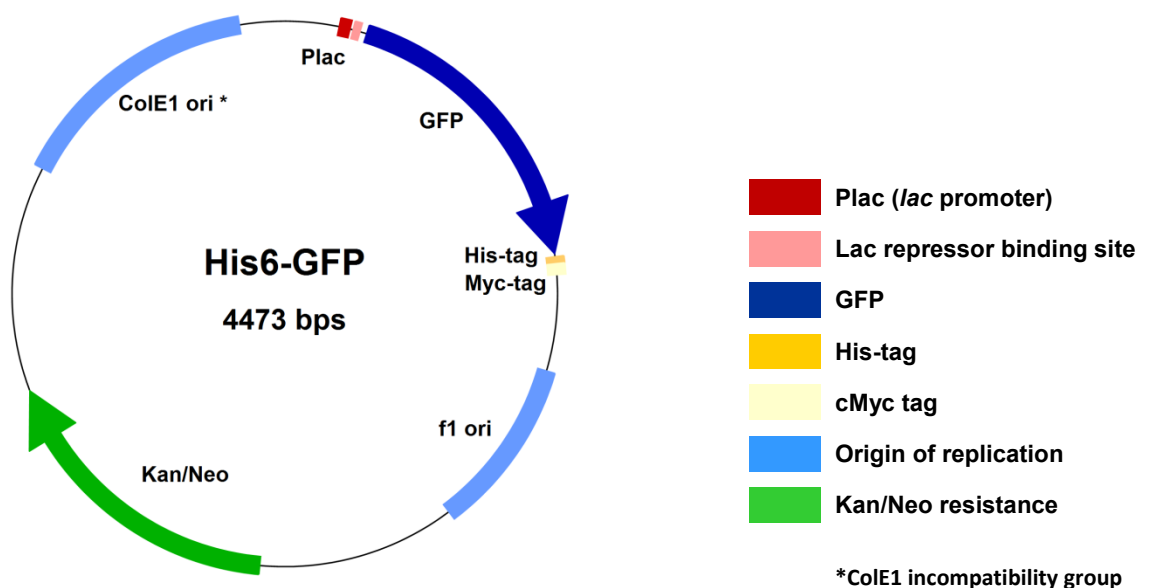
Product

His6-GFP positive control vector can be used for reliable testing of His-tagged protein purification protocols. GFP-6xHis protein extracted from *E. coli* can be detected by eye when loaded on, washed on, and eluted from the MoBiTec Ni-IDA column. Every step can be quantified easily.

Description

His6-GFP is a positive control vector for GFP expression in bacteria. This vector contains the GFP followed by two epitope tags, 6xHis and cMyc. The expression of the GFP including both tags is under control of the IPTG inducible lac promoter (Plac). His-tagged GFP is intended for affinity purification of the GFP using MoBiTec Ni-IDA columns. Kanamycin resistance acts for selection of the vector in *E. coli*. We recommend using a concentration 50µg/ml growth medium.

Vector Map



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Quality Warranty

DNA concentration and purity was checked by UV spectrophotometry. GFP-6His expression (induced with 1 mM IPTG) was confirmed by SDS-PAGE and Western-Blot with Anti-His antibodies. The GFP-6xHis was successfully purified using MoBiTec Ni-IDA columns.

Order Information, Shipping and Storage

Order#	Product	Amount
TOPO-HIS01	His6-GFP bacterial expression vector, lyophilized DNA	10 µg
shipped at 4 °C; store at -20 °C		