Are your pPB protein expression vectors high or low copy number plasmids?

Our protein expression vectors are medium copy number plasmids and can be amplified using any standard miniprep or midi/maxi prep kits.

There is no standard protocol that fits all proteins, therefore recombinant protein expression will need to be optimized and determined experimentally.

When the protein is expressed from this vector, which enzyme do I need to use to remove my tag?

The enzyme required to remove the tag (if possible) will depend upon the vector backbone corresponding to your product:

1) pPB-C-His: the His tag is NOT cleavable.
2) pPB-His-GST: the His-GST tag can be cleaved using TEV protease.
3) pPB-His-MBP: the His-MBP tag can be cleaved using TEV protease.
4) pPB-N-His: the His tag can be cleaved with Thrombin.
5) pPM-C-HA: the HA tag is NOT cleavable.
6) pPM-C-His: the His tag is NOT cleavable.
7) pPM-N-D-C-HA: the N-terminal D-tag can be cleaved using TEV protease. The C-terminal HA tag is NOT cleavable.
8) pPM-N-D-C-His: the N-terminal D-tag can be cleaved using TEV protease. The C-terminal His tag is NOT cleavable.

Please see the following page for further details: https://www.abmgood.com/Protein-Vector.html