

PRODUCT DATA SHEET



Bioworld Technology CO., Ltd.

His-tag (4C2) Peptide

Cat No.: AP0032MP

Background

The H-H-H-H-H-H motif is used as a tag on many recombinant proteins to facilitate purification. A system that has proven to be very successful relies on the insertion of a six histidine (His6) sequence in the N-terminus of the encoded protein, allowing for efficient coupling to Ni²⁺-chelating resins and purification by single step affinity chromatography. This polyhistidine sequence can then be removed by specific cleavage at sites recognized by enzymes such as thrombin or enterokinase, permitting the separation of the target protein from the polyhistidine tag.

Swiss-Prot

N/A

Applications

Blocking

Specificity

This peptide can be used with studies using AP0032M His-tag (4C2) mAb .

Purification & Purity

Synthetic peptide His-tag (4C2) . (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.