



DB063: His (H20)

Background:

The 6x histidine recombinant protein tag is made up of 6 histidine residues attached to either the amino or carboxy terminus of the protein being expressed. The recombinant protein can then be purified using immobilized metal ions, traditionally nickel, in a procedure termed immobilized-metal affinity chromatography. Further analysis of the protein can be achieved using an antibody specific to the 6x histidine in techniques such as western blotting and immunoprecipitation.

Origin:

His (H20) is provided as an affinity purified rabbit polyclonal antibody, raised against a peptide containing the 6x histidine tag.

Product Details:

Each vial contains 200 µg/ml of affinity purified rabbit IgG, His (H20) DB063, in 1 ml PBS containing 0.1 % sodium azide and 0.2% gelatin.

Competition Studies:

A blocking peptide is also available, DB063P, for use in competition studies. Each vial contains 100 µg of peptide in 0.5 ml PBS with 0.1% sodium azide and 100 µg BSA.

Specificity:

His (H20) is recommended for use by western blotting and immunoprecipitation. The suggested western blotting starting dilution is at 1:400.

Storage:

Store this product at 4° C, do not freeze. The product is stable for one year from the date of shipment.