

Flag Tag Nanobody Immunomagnetic Beads

Chemical Properties

CAS No. :

Formula:

Molecular Weight:

Storage:

Store at 4°C

Actual storage temperature shall be subject to the COA.

Biological Description

Description

TargetMol's Flag Tag Nanobody Immunomagnetic Beads specifically bind to proteins tagged with the DYKDDDDK (Flag) sequence. They can be used for immunoprecipitation (IP) of proteins, protein complexes, protein-nucleic acid complexes, and other antigens. This product is suitable for antigen samples derived from cell lysates, cell culture supernatants, serum, ascites, and more.

Nanobodies are variable domain fragments (VHH) derived from the heavy-chain-only antibodies naturally found in camelids (e.g., camels, llamas, alpacas). They are currently the smallest known functional antibody unit, typically only about 12-15 kDa in size—approximately one-tenth the size of a conventional IgG antibody. Compared to traditional IgG antibodies, nanobodies are smaller, have higher affinity, lack interference from light and heavy chains, and can access epitopes more closely, reducing steric hindrance. Additionally, they exhibit greater binding stability, require milder elution conditions, and better preserve the biological activity of the sample.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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