Data Sheet (Cat.No.C0159)

TargetMol

mCherry 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 mCherry Tag Nanobody Immunoprecipitation Magnetic Beads can specifically bind to proteins with an mCherry tag and are suitable for immunoprecipitation (IP) of proteins, protein complexes, protein-nucleic acid complexes, and other antigens. This product is applicable to antigen samples derived from cell lysates, cell culture supernatants, serum, ascites, and more. Nanobodies (VHHs) are variable domain fragments of heavy-chain antibodies naturally found in camelids (such as camels and llamas). They are the smallest known naturally occurring functional antibody units, typically about 12–15 kDa, which is roughly one-tenth the size of a conventional IgG antibody. Compared to traditional IgG antibodies, nanobodies are smaller, exhibit higher affinity, and are free from heavy and light chain interference. This enables them to access epitopes of target proteins more closely, reduce steric hindrance, remain stably bound, and allow mild elution conditions, thereby preserving higher biological activity of the samples.