Datasheet for ABIN400575

Protein A Magnetic Beads

6 Publications

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Overview

Quantity:	4 mL
Target:	Protein A
Reactivity:	Staphylococcus aureus
Application:	Immunoprecipitation (IP), Purification (Purif), Affinity Chromatography (AC)

Product Details

Purpose:	Protein A MagBeads are designed for small-scale antibody purification and immunoprecipitation of proteins, protein complexes or other antigens.
Brand:	MagBeads
Characteristics:	Protein A MagBeads are superparamagnetic beads of average 40 µm in diameter, covalently coated with recombinant Protein A. The beads are supplied as 25% slurry in phosphate buffered saline (PBS), pH 7.4, containing 20% ethanol. The Protein A MagBeads have a binding capacity of more than 10 mg Rabbit IgG per 1 ml settled beads (e.g. 4 ml 25% slurry).
Bead Ligand:	Protein A
Bead Matrix:	Magnetic particles
Bead Size:	40 µm

Target Details

Target:	Protein A
Abstract:	Protein A Products
Background:	Protein A, a bacterial cell wall protein isolated from Staphylococcus aureus, binds to

Target Details

	mammalian IgGs, mainly through Fc regions. Native Protein A has five IgG binding domains and many unknown-function repeated sequences. Recombinant Protein A only contains five high-affinity IgG binding domains to reduce nonspecific binding.

Application Details

Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	1 ml settled Beads (4 ml 25% slurry)
Storage:	4 °C
Storage Comment:	Store at 4°C, do NOT freeze.
Expiry Date:	12 months

Publications

Product cited in:

Li, Wang, Gao, Li: "Identification and characterisation of the anti-oxidative stress properties of the lamprey prohibitin 2 gene." in: **Fish & shellfish immunology**, Vol. 42, Issue 2, pp. 447-56, (2015) (PubMed).

Lu, Shi, Chen, Wang: "The regulation of HanA during heterocyst development in cyanobacterium Anabaena sp. PCC 7120." in: **World journal of microbiology & biotechnology**, Vol. 30, Issue 10, pp. 2673-80, (2014) (PubMed).

Wang, Xu, Xu, Zhao, Wang: "Collaboration between a soluble C-type lectin and calreticulin facilitates white spot syndrome virus infection in shrimp." in: **Journal of immunology (Baltimore, Md. : 1950)**, Vol. 193, Issue 5, pp. 2106-17, (2014) (PubMed).

Pang, Xiao, Liu, Li: "Identification and characterization of the lamprey high-mobility group box 1 gene." in: **PLoS ONE**, Vol. 7, Issue 4, pp. e35755, (2012) (PubMed).

Noberini, Rubio de la Torre, Pasquale: "Profiling Eph receptor expression in cells and tissues: a targeted mass spectrometry approach." in: **Cell adhesion & migration**, Vol. 6, Issue 2, pp. 102-12, (2012) (PubMed).

There are more publications referencing this product on: Product page