

Datasheet

Cat#NBGN-100111

Version# RN5.9



Product Name	NebuChem™ Anti-DYKDDDDK Affinity Resin
Size	1ml; 5ml; Bulk
Description	NebuChem™ Anti-DYKDDDDK Affinity Resin(CAT#NBGN-100111) is designed for the purification of DYKDDDDK-tagged protein from commonly used protein expression systems including bacteria, yeast and mammalian cells. The DYKDDDDK-tagged protein in the cell lysate can specifically bind to the anti-DYKDDDDK monoclonal antibodies coupled to the resin. Nonspecific bindings are eliminated by stringent washing steps, and the target protein is finally eluted with high recovery rate.
Matrix	4% cross-linked agarose
Ligand	Mouse monoclonal antibody against DYKDDDDK tag
Binding Capacity	~1.5 mg DYKDDDDK-tagged protein per ml settled resin
Resin Reuse	The resin can be recycled for at least 4 times. If maintained properly, the resin can be reused 10 times with minimum loss of binding capability.
Elution Method	Acid, alkaline, neutral, peptide competitive or SDS-PAGE loading buffer elutions*. (*If elute with SDS-PAGE loading buffer, the heavy chain of G1 antibody will be denatured and release from the resin.)
Storage	2 - 8°C; Freezing is prohibited
