FabAffinity KBP Agarose High Flow

Cat. No. FKBP-001A **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human Kappa Binding Protein is also named as KBP. FabAffinity KBP Agarose High Flow Resin, with KBP coupled to high flow Agarose matrix, is a new choice for purification of human antibodies and antibody fragments, which contain the constant domain of the Kappa light chain.
Cat.no	FKBP-001A
Form	Slurry in 20% Ethanol
Size	5 mL
Matrix	Highly cross-linked Agarose
Molecular Characterization	KBP is fused with a 6×his tag at C-terminus, and has a calculated molecular mass of 16 kDa. In SDS-PAGE under reducing conditions, the apparent molecular mass of KBP is approximately 16 kDa.
Average particle size	90 μm
Ligand	kappa binding protein (HEK derived)
Coupling chemistry	Epoxy
Dynamic binding capacity	10mg Fab /ml media

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Recommended flow rate	100-300cm/h
Viscosity	Unused media can be stored in the container at a temperature of +4 to +8°C. Ensure that the screw top is fully tightened and keep container tightly closed in a dry and well-entilated place.Packed columns should be equilibrated in binding buffer containing 20% ethanol to prevent microbial growth.After storage, equilibrate with at least 5 bed volumes of starting buffer before use.
Recommended column height	5-20cm
pH working range	3-10
pH CIP range	2-11
CIP stability	10mM NaOH, 6M Gua-HCl, 0.1M Acetate acid and 30% IPA
Temperature Stability	2-40 °C
Shelf life	5 years

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