

PRAT4B/CNPY4 Protein, Mouse (HEK293, His)

Cat. No.:	HY-P76840
Synonyms:	Protein canopy homolog 4; Protein associated with Tlr4; Prat4b
Species:	Mouse
Source:	HEK293
Accession:	Q8BQ47 (E28-L245)
Gene ID:	66455
Molecular Weight:	Approximately 26.5 kDa.

PROPERTIES

Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 μ m filtered solution of PBS, pH 7.4. Normally 5% - 8% trehalose, mannitol and 0.01% Tween 80 are added as protectants before lyophilization.
Endotoxin Level	<1 EU/ μ g, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 μ g/mL in ddH ₂ O.
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	The PRAT4B/CNPY4 protein plays a pivotal role in regulating the cell surface expression of TLR4, actively engaging in the orchestration of cellular processes. Its direct interaction with TLR4 underscores its crucial involvement, emphasizing its significance in steering molecular pathways. This dynamic interplay between PRAT4B/CNPY4 and TLR4 highlights the protein's essential contribution to finely tuning cellular responses, establishing it as a key regulatory factor in immune-related signaling cascades.
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Caution: Product has not been fully validated for medical applications. For research use only.

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