

RPCB1322

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## Product Information

<b>Product SKU:</b>	RPCB1322	<b>Gene ID:</b>	102657	<b>Size:</b>	10µg
<b>Tag:</b>	C-6His	<b>Reactivity:</b>	Mouse		

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## Additional Information

<b>Expression Host:</b>	HEK293 cells	<b>Swissprot:</b>	Q8VE98
<b>Purity:</b>	> 97% by SDS-PAGE.		

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## Protein Information

**Background:** B7-H3 is a member of the B7 family of immune regulatory ligands that is thought to attenuate peripheral immune responses through co-inhibition. It plays an important role in adaptive immune responses, and was shown to either promote or inhibit T-cell responses in various experimental systems. B7-H3 may play an important role in muscle-immune interactions, providing further evidence of the active role of muscle cells in local immunoregulatory processes. B7-H3 is a novel protein structurally related to the B7 family of ligands by the presence of a single set of immunoglobulin-V-like and immunoglobulin-C-like (VC) domains. Previous studies have correlated its overexpression with poor prognosis and decreased tumor-infiltrating lymphocytes in various carcinomas including uterine endometrioid carcinomas, and mounting evidence supports an immuno-inhibitory role in ovarian cancer prognosis. Recently, B7-H3 expression has been reported in several human cancers indicating an additional function of B7-H3 as a regulator of antitumor immunity.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Mouse B7-H3/CD276 Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** <0.1EU/µg

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

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**Storage:**

Store at -20°C. Store the lyophilized protein at -20°C to -80 °C up to 1 year from the date of receipt. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.