

RPCB0308

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## Product Information

<b>Product SKU:</b>	RPCB0308	<b>Gene ID:</b>	116379	<b>Size:</b>	10µg
<b>Tag:</b>	C-His	<b>Reactivity:</b>	Human		

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## Additional Information

<b>Expression Host:</b>	HEK293 cells	<b>Swissprot:</b>	Q969J5-2
<b>Purity:</b>	> 90% by SDS-PAGE.		

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## Protein Information

**Background:** Interleukin 22 binding protein (IL-22BP), also known as CRF2-10, CRF2-X, and IL-22RA2, is a 35-45 kDa secreted glycoprotein in the type II cytokine receptor family (CRF). IL-22BP specifically binds to and inhibits interleukin 22 activity by blocking the interaction of interleukin 22 with its cell surface receptor. IL-22BP is produced by dendritic cells (DC), epithelial cells, activated B cells, and activated monocytes. It is constitutively expressed by DC but is down-regulated during local inflammation and in response to tissue damage. IL-22BP is critical for limiting IL-22 induced epithelial cell proliferation during wound healing, and its deficiency can enable uncontrolled proliferation and enhance tumor development.

**Protein Description:** High quality, high purity and low endotoxin recombinant Recombinant Human IL-22RA2/IL22BP Protein, tested reactivity in HEK293 cells and has been validated in SDS-PAGE. 100% guaranteed.

**Endotoxin:** < 0.1 EU/µg of the protein by LAL method.

**Formulation:** Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4. Contact us for customized product form or formulation.

**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.

**Contact Details | Dublin, Ireland**

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