

## Biotinylated Recombinant Human IL-23/IL-12B&IL-23A Protein

RPCB0660

### Protein Information

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<b>Size:</b>	100 µg	<b>Tag:</b>	C-His&Avi
<b>Reactivity:</b>	Human	<b>Expressed Host:</b>	-
<b>Calculated MW:</b>	21.7 kDa (IL-23 alpha) , 34.7 kDa (IL-12 beta)	<b>Observed MW:</b>	24 kDa (IL-23 alpha) , 40-50 kDa (IL-12 beta)

### Background

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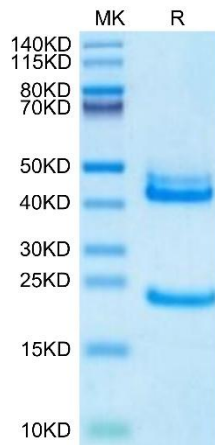
The interleukin (IL)-12 family of cytokines, including IL12 and IL 23, play an important role in driving aberrant Th1 and Th17 immune responses in patients with Crohn's disease (CD). Targeting this pathway has opened new avenues for therapeutic intervention. The balance of proinflammatory cytokines interleukin (IL)-12 and IL-23 plays a key role in shaping the development of antitumor or protumor immunity.

### Properties

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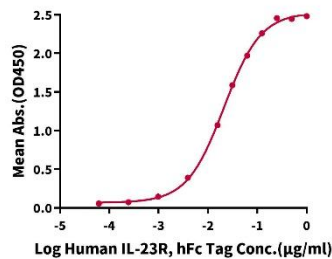
<b>Synonyms:</b>	IL23 alpha, IL12 beta, IL23 alpha&IL12 beta , IL12 β, IL23 alpha&IL12 β
<b>Gene ID:</b>	51561&3593
<b>Endotoxin:</b>	< 1 EU/µg of the protein by LAL method.
<b>Description:</b>	High quality, high purity and low endotoxin recombinant Biotinylated Recombinant Human IL-23/IL-12B&IL-23A Protein (RPCB0660), tested reactivity in HEK293 cells and has been validated in SDS-PAGE.100% guaranteed.
<b>Purity:</b>	≥ 95 % as determined by SDS-PAGE.
<b>Storage:</b>	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.

## Validation Data



Biotinylated Recombinant Human IL-23/IL-12B&IL-23A Protein was determined by Tris-Bis PAGE under reducing conditions.

**Biotinylated Human IL-23 alpha&IL-12 beta, His Tag ELISA**  
0.2µg Biotinylated Human IL-23 alpha&IL-12 beta, His Tag Per Well



Immobilized Biotinylated Human IL-23 alpha&IL-12 beta, His Tag at 2 µg/mL (100 µL/well) on the streptavidin precoated plate (5 µg/mL). Dose response curve for Human IL-23R, hFc Tag with the EC50 of 21.0ng/mL determined by ELISA (QC Test).