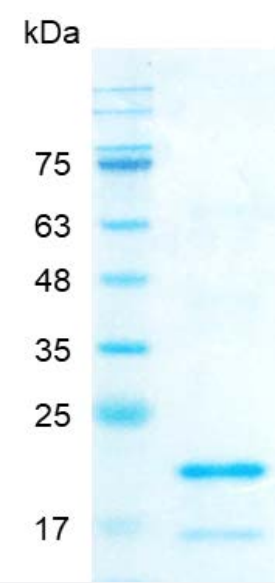
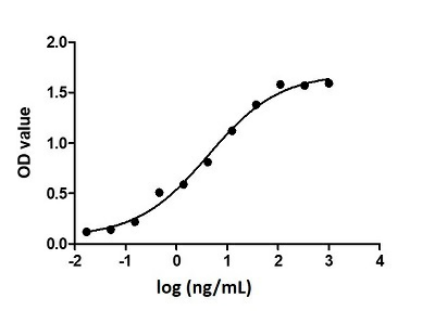
IL28B (Human) Recombinant Protein

Catalog # P7794 Size 20 ug

Applications



SDS-PAGE analysis of IL28B (Human) Recombinant Protein.



Result of activity analysis

Result of activity analysis

Specification

Product Description	Human IL28B recombinant protein with polyhistidine tag at the C-terminus expressed in *Escherichia coli*.
Sequence	MVPVARLRGALPDARGCHIAQFKSLSPQELQAFKRAKDALEESLLLKDCKCRSRLFPRTWDLRQLQVRERPVALEAELALTLKVLEATADTDPALGDVLDQPLHTLHHILSQLRACIQPQPTAGPRTRGRLHHWLHRLQEAPKKESPGCLEASVTFNLFRLLTRDLNCVASGDLCV with polyhistidine tag at the C-terminus.
Host	Escherichia coli

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Specificity	23
Form	Lyophilized
Preparation Method	*Escherichia coli* expression system
Purification	Ni-NTA chromatography
Purity	> 95% as analyzed by SDS-PAGE.
Endotoxin Level	< 0.1 EU/ ug of protein by the LAL method.
Quality Control Testing	SDS-PAGE Stained with Coomassie Blue. SDS-PAGE analysis of IL28B (Human) Recombinant Protein.
Recommend Usage	Biological Activity SDS-PAGE The optimal working dilution should be determined by the end user.
Storage Buffer	Lyophilized from a solution containing 1X PBS, pH 8.0. Reconstitute the lyophilized powder in ddH_2O to a concentration not less than 100 ug/mL.
Storage Instruction	Lyophilized protein should be stored at -20°C. Protein aliquots should be stored at-20°C to -80°C. Th is product is stable for one year. Avoid repeated freeze/thaw cycles.
Note	Result of activity analysis Result of activity analysis

Applications

- Functional Study
- SDS-PAGE

Gene Info — IL28B

Entrez GeneID	282617
Gene Name	IL28B
Gene Alias	IFNL3, IL-28B, IL28C
Gene Description	interleukin 28B (interferon, lambda 3)
Omim ID	607402

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Gene Ontology	Hyperlink
Gene Summary	This gene encodes a cytokine distantly related to type I interferons and the IL-10 family. This gene, interleukin 28A (IL28A), and interleukin 29 (IL29) are three closely related cytokine genes that for m a cytokine gene cluster on a chromosomal region mapped to 19q13. Expression of the cytokin es encoded by the three genes can be induced by viral infection. All three cytokines have been sh own to interact with a heterodimeric class II cytokine receptor that consists of interleukin 10 recept or, beta (IL10RB) and interleukin 28 receptor, alpha (IL28RA). [provided by RefSeq
Other Designations	interferon, lambda 3|interferon, lambda 4|interleukin 28B|interleukin 28C

Pathway

- Cytokine-cytokine receptor interaction
- Jak-STAT signaling pathway

Disease

- Acute Disease
- Hepatitis B
- Hepatitis C
- HIV Infections
- Jaundice
- Recurrence

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