

IL-28A/IL28A recombinant protein

Recombinant Human IL-28A/IL28A Protein

CATALOG #
AAA282162

HOST
HEK293 cells

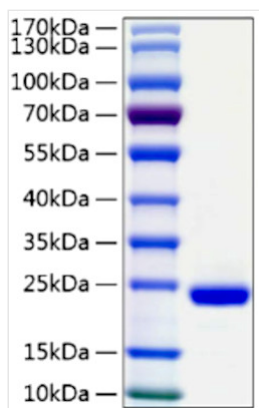
PRODUCT SYNONYMS

IL-28A/IL28A; Recombinant Human IL-28A/IL28A Protein; IL-28A; IL28A; ZCYTO20; IL-28A/IL28A recombinant protein

PRODUCT SPECIFICATIONS

Host	HEK293 cells
Purity/Purification	>97% by SDS-PAGE.
Form/Format	Lyophilized from a 0.22um filtered solution of PBS, pH7.4.
Species	Human
Endotoxin	<0.1EU/ug of the protein by LAL method.
Tag	C-His
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.
Preparation and Storage	Store the lyophilized protein at -20°C to -80°C for long term. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.

IMAGES



SDS-PAGE

Recombinant Human IL-28A/IL28A Protein was determined by SDS-PAGE with Coomassie Blue, showing a band at 20-23 kDa.

ADDITIONAL INFORMATION

Related Product Information for IL-28A/IL28A recombinant protein	Recombinant Human IL-28A/IL28A Protein is produced by HEK293 cells expression system. The target protein is expressed with sequence (Val26-Val200) of human IL-28A/IL28A (Accession #NP_742150.1) fused with a 6×His tag at the C-terminus. Background: IL 28A (Interferon-lambda 2; IFN-lambda 2), IL-28B/IFN-lambda 3, and IL-29/IFN-lambda 1 are type III interferons which are distantly related to IL-10 family and type I IFN family cytokines. IL 28A, interleukin 28B (IL28B), and interleukin 29 (IL29) are three closely related cytokine which are expression can be induced by viral infection.In the liver, the IL-28A induced Th1 cytokine response contributes to inflammation in T cell mediated hepatitis. IL-28A additionally exhibits anti-tumor activity, in part by enhancing IL-12 dependent anti-tumor CTL responses in vivo. In contrast, it is up-regulated in invasive bladder cancer where it promotes tumor cell migration.
Product Categories/Family for IL-28A/IL28A recombinant protein	Interleukin; Other Cytokines & Cytokine Receptors

NCBI AND UNIPROT INFORMATION

NCBI GI #	26024321
NCBI GeneID	282616
NCBI Accession #	NP_742150.1
NCBI GenBank Nucleotide #	NM_172138.1
UniProt Accession #	Q8IZJ0; Q45KQ8; Q6VN55; Q8IWL7
Molecular Weight	22,288 Da
NCBI Official Full Name	interferon lambda-2
NCBI Official Synonym Full Names	interferon, lambda 2
NCBI Official Symbol	IFNL2
NCBI Official Synonym Symbols	IL28A; IL-28A
NCBI Protein Information	interferon lambda-2; IFN-lambda-2; interleukin-28A; cytokine Zcyto20; interferon lambda 2; interferon-lambda 2; interleukin 28A (interferon, lambda 2)
UniProt Protein Name	Interferon lambda-2
UniProt Gene Name	IFNL2
UniProt Synonym Gene Names	IL28A; ZCYTO20; IFN-lambda-2; IL-28A
UniProt Entry Name	IFNL2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.