

IL-18 recombinant protein

Biotinylated Human IL-18 Protein Recombinant

CATALOG #	HOST
AAA76144	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

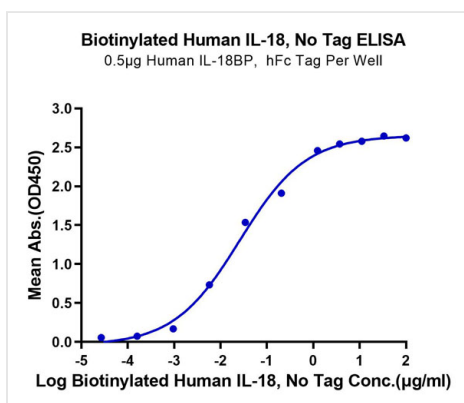
PRODUCT SYNONYMS

IL-18; Biotinylated Human IL-18 Protein Recombinant; IL-18 recombinant protein

PRODUCT SPECIFICATIONS

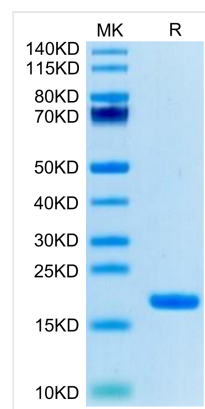
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human IL-18 (Primary Amine Labeling) was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human IL-18 (Primary Amine Labeling) including a No Tag tag was expressed in HEK293 Cells. The recombinant protein was then biotinylated site specific using the AVItag biotinylation technology.
Endotoxin	Endotoxin content was assayed using a LAL gel clot method. Endotoxin level was found to be less than 0.1 ng/ug (1EU/ug).
Molecular Function	Cytokine
Reconstitution	Centrifuge vial to ensure maximal product extraction, recommended: 20sec, 5K RPM
Preparation and Storage	The lyophilized protein is stable for at least 2 years from date of receipt at -20 degree C.

IMAGES



ELISA

Biotinylated Human IL-18 Protein (Primary Amine Labeling) ELISA Data: Immobilized Human IL-18BP, hFc Tag at 5µg/ml (100µl/well) on the plate. Dose response curve for Biotinylated Human IL-18, No Tag with the EC50 of 26.0ng/ml determined by ELISA.



Tris-Bis-PAGE

Biotinylated Human IL-18 Protein (Primary Amine Labeling) Tris-Bis PAGE: Biotinylated Human IL-18 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for IL-18 recombinant protein

Biotinylated proteins

NCBI AND UNIPROT INFORMATION

NCBI GI #	342349321
NCBI GeneID	3606
NCBI Accession #	NP_001230140.1
NCBI GenBank Nucleotide #	NM_001243211.1
UniProt Accession #	Q14116; Q14116 IL18_HUMAN; Q9IW12; Q99665
Molecular Weight	22,326 Da
NCBI Official Full Name	interleukin-18 isoform 2 proprotein
NCBI Official Synonym Full Names	interleukin 18 (interferon-gamma-inducing factor)
NCBI Official Symbol	IL18
NCBI Official Synonym Symbols	IGIF; IL-18; IL-1g; IL1F4
NCBI Protein Information	interleukin-18; IL-1 gamma; iboctadekin; interleukin-1 gamma; IFN-gamma-inducing factor
UniProt Protein Name	Interleukin-18
UniProt Gene Name	IL18
UniProt Synonym Gene Names	IGIF; IL1F4; IL-18; IFN-gamma-inducing factor; IL-1 gamma
UniProt Entry Name	IL18_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.

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Online datasheet: <https://stage.aaabiotech.com/il18-recombinant-protein-hek293-cells/76144>