

CD161 recombinant protein

Biotinylated Human CD161 Protein Recombinant

CATALOG #	HOST
AAA76134	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)

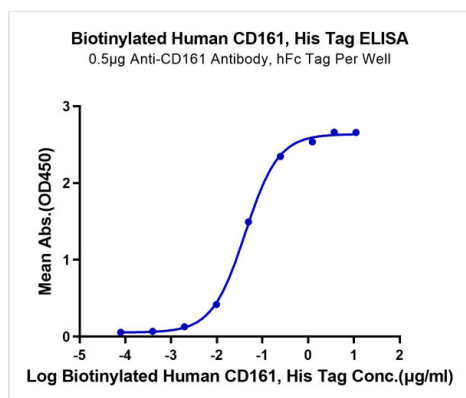
PRODUCT SYNONYMS

CD161; Biotinylated Human CD161 Protein Recombinant; CD161 recombinant protein

PRODUCT SPECIFICATIONS

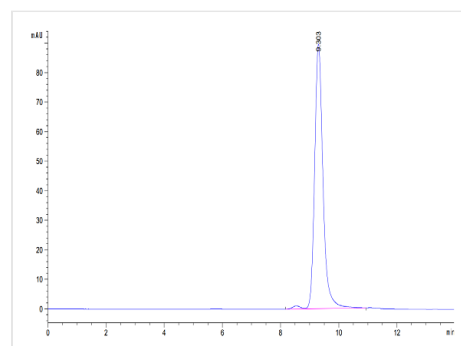
Host	HEK293 cells (Note: Host protein expression may be lot-specific and can be subject to change during production, including bulk orders.)
Purity/Purification	>95%, as determined by SDS-PAGE and HPLC
Form/Format	Recombinant Human CD161 was lyophilized from 0.2 um filtered PBS solution pH7.4
Source	DNA sequence encoding Human CD161 including a C-His-Avi 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).
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



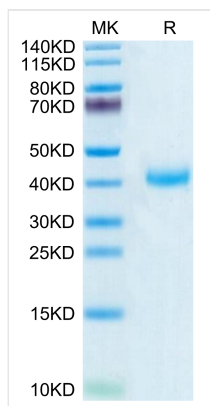
ELISA

Biotinylated Human CD161 Protein ELISA Data: Immobilized Anti-CD161 Antibody, hFc Tag at 5 µg/ml (100 µl/well) on the plate. Dose response curve for Biotinylated Human CD161, His Tag with the EC₅₀ of 41.8 ng/ml determined by ELISA.



Application Data

Biotinylated Human CD161 Protein SEC-HPLC: The purity of Biotinylated Human CD161 is greater than 95% as determined by SEC-HPLC.



Tris-Bis-PAGE

Biotinylated Human CD161 Protein Tris-Bis PAGE Biotinylated Human CD161 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.

ADDITIONAL INFORMATION

Product Categories/Family for CD161 recombinant protein

[Biotinylated proteins](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504879
NCBI GeneID	3820
NCBI Accession #	NP_002249.1
NCBI GenBank Nucleotide #	NM_002258.2
UniProt Accession #	Q12918; Q24K24
Molecular Weight	25,415 Da
NCBI Official Full Name	killer cell lectin-like receptor subfamily B member 1
NCBI Official Synonym Full Names	killer cell lectin-like receptor subfamily B, member 1
NCBI Official Symbol	KLRB1
NCBI Official Synonym Symbols	NKR; CD161; CLEC5B; NKR-P1; NKRP1A; NKR-P1A; hNKR-P1A
NCBI Protein Information	killer cell lectin-like receptor subfamily B member 1; C-type lectin domain family 5 member B; natural killer cell surface protein P1A
UniProt Protein Name	Killer cell lectin-like receptor subfamily B member 1
UniProt Gene Name	KLRB1
UniProt Synonym Gene Names	CLEC5B; NKRP1A; NKR-P1A
UniProt Entry Name	KLRB1_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://www.aaabiotech.com/klrb1-recombinant-protein-hek293-cells/76134>