

Active Recombinant Cynomolgus IL18BP protein, His-tagged, Biotinylated

Cat. No. IL18BP-57CB **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Biotinylated Recombinant Cynomolgus IL18BP protein(A0A2K5UDJ4)(Thr28-Pro207) is expressed from HEK293 with His tag at the C-Terminus.
Species	Cynomolgus
Source	HEK293
ProteinLength	28-207 a.a.
Form	Supplied as 0.22µm filtered solution in PBS (pH 7.4).
Bio-activity	Biotinylated Cynomolgus IL-18BP, His tag captured on CM5 Chip via anti-his antibody can bind Human IL-18, No Tag with an affinity constant of 1.67 nM as determined in SPR assay (Biacore T200).
Molecular Mass	The protein has a predicted MW of 21.14 kDa. Due to glycosylation, the protein migrates to 50-65 kDa based on Tris-Bis PAGE result.
Proteinlength	Thr28-Pro207
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 90% as determined by HPLC

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Storage Valid for 12 months from date of receipt when stored at -80°C.
Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

Conjugation Biotin

GENE INFORMATION

Gene Name IL18BP interleukin 18 binding protein [Homo sapiens]

Official Symbol IL18BP

Synonyms IL18BP; interleukin 18 binding protein; interleukin-18-binding protein; IL18BPa; MC51L 53L 54L homolog gene product; IL-18BP; tadekinig-alfa; MC51L-53L-54L homolog gene product

Gene ID 10068

mRNA Refseq NM_001039659

Protein Refseq NP_001034748

MIM 604113

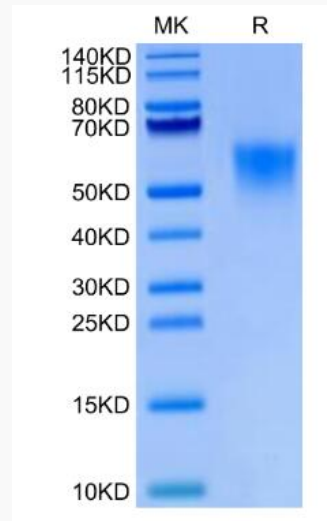
UniProt ID O95998

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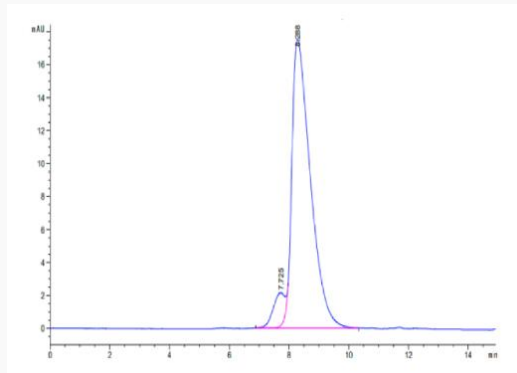
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Tris-Bis PAGE



SEC-HPLC



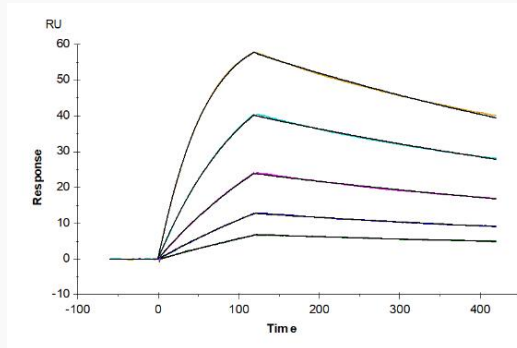
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SPR Data



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