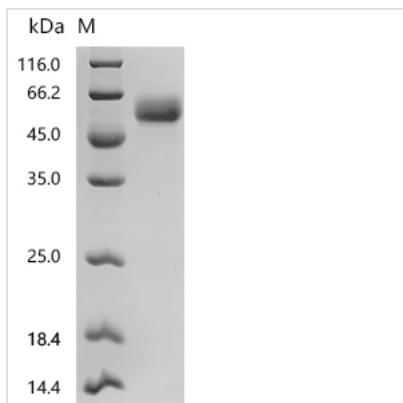


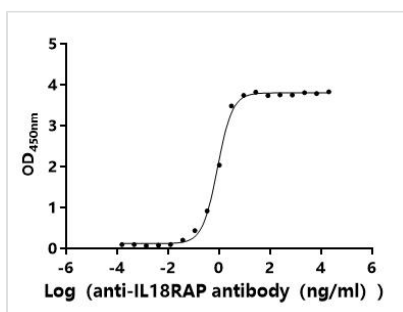


# Recombinant Human Interleukin-18 receptor accessory protein (IL18RAP), partial (Active)

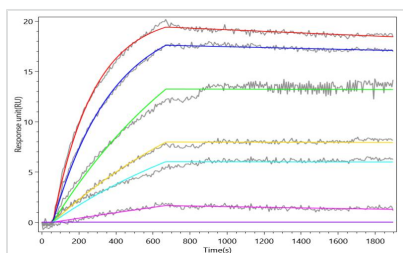
<b>Product Code</b>	CSB-MP011611HU1
<b>Abbreviation</b>	Recombinant Human IL18RAP protein, partial (Active)
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	O95256
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 μm sterile filtered PBS, 6% Trehalose, pH 7.4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Biological Activity</b>	①Measured by its binding ability in a functional ELISA.Immobilized Human IL18RAP at 2 μg/mL can bind anti-IL18RAP recombinant antibody(CSB-RA011611MA1HU).The EC50 is 0.7969-0.9304 ng/mL. ②IL18RAP Recombinant Monoclonal Antibody(CSB-RA011611MA1HU) captured on Protein A Chip can bind Human IL18RAP with an affinity constant of 0.267 nM as detected by MetaSPR Assay (WeSPRTM 200).
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE. Greater than 90% as determined by SEC-HPLC.
<b>Sequence</b>	FNISGCSTKKLLWTYSTRSEEEFVLFCDLPEPQKSHFCHRNRLSPKQVPEHLP FMGSNDLSDVQWYQQPSNGDPLEDIRKSYPHIIQDKCTLHFLTTPGVNNSGSYI CRPKMIKSPYDVACCVKMILEVKPQTNASCEYSASHKQDLLLGSTGSGISCP CQSDAQSPA V TWYKNGKLLSVERSNRIVVDEVYDYHQGT Y VCDY T QSDTVSS WTVRAVVQVRTIVGDTKLKPDILD PVEDTLEVELGKPLTISCKARFGFERVFN VIKWYIKDSDLEWEVSVPEAKSIKSTLKD EIIERNIILEKVTQRDLRRKFVCFVQN SIGNTTQSVQLKEKR
<b>Source</b>	Mammalian cell
<b>Target Names</b>	IL18RAP
<b>Expression Region</b>	20-356aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	C-terminal 10xHis-tagged
<b>Mol. Weight</b>	39.8 kDa
<b>Protein Length</b>	Partial
<b>Image</b>	



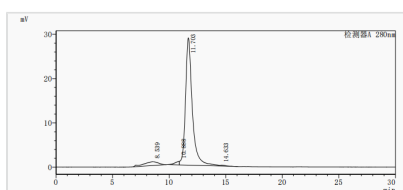
(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



**Activity**  
Measured by its binding ability in a functional ELISA. Immobilized Human IL18RAP at 2 µg/ml can bind anti-IL18RAP recombinant antibody (CSB-RA011611MA1HU). The EC<sub>50</sub> is 0.7969-0.9304 ng/mL.



**Activity**  
IL18RAP Recombinant Monoclonal Antibody (CSB-RA011611MA1HU) captured on Protein A Chip can bind Human IL18RAP with an affinity constant of 0.267 nM as detected by MetaSPR Assay (WeSPRTM 200).



The purity of IL18RAP was greater than 90% as determined by SEC-HPLC

**Endotoxin**

Less than 1.0 EU/ug as determined by LAL method.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life**

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.