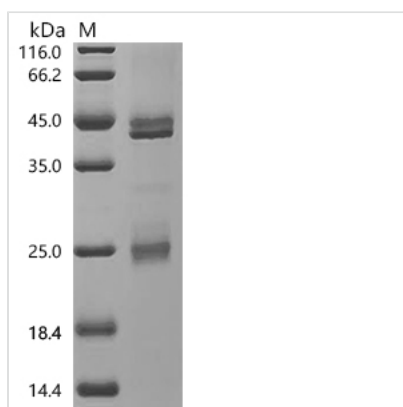


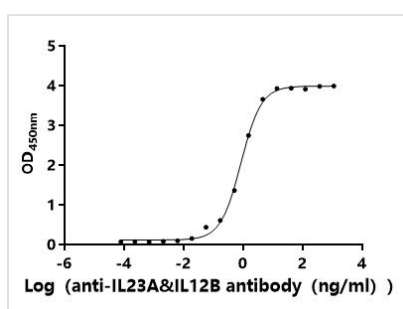


# Recombinant *Macaca fascicularis* IL23A&IL12B Heterodimer Protein (Active)

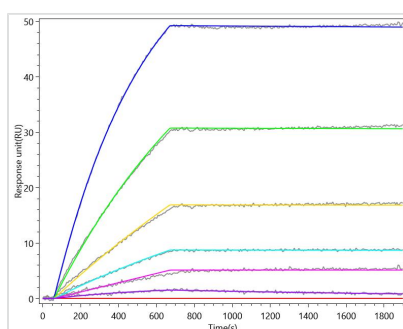
<b>Product Code</b>	CSB-MP7054MOV
<b>Abbreviation</b>	Recombinant Cynomolgus monkey IL23A&IL12B Heterodimer protein (Active)
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life 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>	G7PIH8&G7P6S2
<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>	<i>Macaca fascicularis</i> (Crab-eating macaque) (Cynomolgus monkey)
<b>Biological Activity</b>	① Measured by its binding ability in a functional ELISA. Immobilized <i>Macaca fascicularis</i> IL23A&IL12B at 2 μg/mL can bind anti-IL23A&IL12B recombinant antibody (CSB-RA011587MA2HU). The EC50 is 0.7723-0.9250 ng/mL. ② IL23A&IL12B Recombinant Monoclonal Antibody (CSB-RA011587MA2HU) captured on Protein A Chip can bind <i>Macaca fascicularis</i> IL23A&IL12B with an affinity constant of 0.27 nM as detected by MetaSPR Assay (WeSPRTM 200).
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE.
<b>Sequence</b>	VPGGSSPAWAQCQQLSQKLCTLAWSAHLVGHMDLREEGDEETTNDVPHIQ CGDGCDPQGLRDNSQFCLQRIRQGLIFYEKLLGSDIFTGEPSSLIPDSPVQQLH ASLLGLSQQLLQPEGHHWETQQIPSPSPSQPWQRLLLLRFKILRSLQAFVAVAAR VFAHGAATLSP&IWELKKDVYVVELDWYPDAPGEMVLTCDTPEEDGITWTLT QSGEVLGSGKTLTIQVKEFGDAGQYTCHKGGEALSHSLLLLHKKEDGIWSTDV LKDQKEPKNKTFRLRCEAKNYSGRFTCWWLTTISTDLTFSVKSSRGSSNPQGV TCGAVTLAERVRGDNKEYEYSVEQEDSACPAAEERLPIEVMVDIAHKLKYE NYTSSFFIRDIIKPDPPKLNQLKPLKNSRQVEVSWEYPDTWSTPHSYFSLTFCI QVQGKSKREKKDRIFTDKTSATVICRKNASFSVQAQDRYSSSWSEWASVPC S
<b>Source</b>	Mammalian cell
<b>Target Names</b>	IL23A&IL12B
<b>Expression Region</b>	22-189aa(IL23A) & 23-328aa(IL12B)
<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>	N-terminal 10xHis-tagged & C-terminal Twin-Strep-tagged
<b>Mol. Weight</b>	22.1 kDa & 37.8 kDa
<b>Protein Length</b>	Heterodimer


**Image**


(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 *Macaca fascicularis* IL23A&IL12B at 2 µg/ml can bind anti-IL23A&IL12B recombinant antibody (CSB-RA011587MA2HU). The EC<sub>50</sub> is 0.7723-0.9250 ng/mL.



**Activity**  
 IL23A&IL12B Recombinant Monoclonal Antibody (CSB-RA011587MA2HU) captured on Protein A Chip can bind *Macaca fascicularis* IL23A&IL12B with an affinity constant of 0.27 nM as detected by MetaSPR Assay (WeSPRTM 200).

**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.