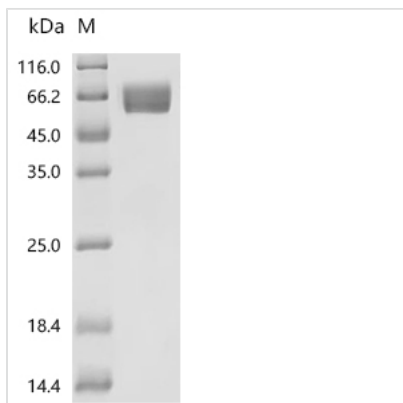


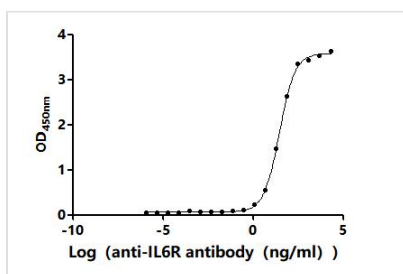


Recombinant *Macaca mulatta* Interleukin-6 receptor subunit alpha (IL6R), Partial (Active)

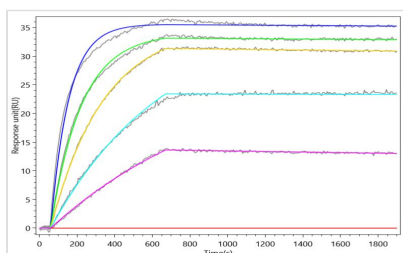
Product Code	CSB-MP5215MOW
Abbreviation	Recombinant Rhesus macaque IL6R protein, partial (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	A0A5F8AUE5
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm sterile filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	<i>Macaca mulatta</i> (Rhesus macaque)
Biological Activity	<p>① Measured by its binding ability in a functional ELISA. Immobilized <i>Macaca fascicularis</i> IL6R at 2 µg/mL can bind Anti-IL6R recombinant antibody (CSB-RA011665MA1HU). The EC50 is 26.59-31.72 ng/mL.</p> <p>② IL6R Recombinant Monoclonal Antibody (CSB-RA011665MA1HU) captured on Protein A Chip can bind Recombinant <i>Macaca fascicularis</i> IL6R with an affinity constant of 0.381 nM as detected by MetaSPR Assay (WeSPRTM 200).</p>
Purity	Greater than 95% as determined by SDS-PAGE. Greater than 90% as determined by SEC-HPLC.
Sequence	LAPGGCPAQEVARGVLTSLPGDSVTLTCPGGEPEDNATVHWVLRKPAVGS SHLSRWAGVGRLLLLRSVQLHDSGNYSYRAGRPAAGTVHLLVDVPPEEPQLSCF RKSPLSNVCEWGRSTPSPTTKAVLLVRKFNPAEDFQEPQYSQESQKF SCQLAVPEGDSSFYIVSMCVASSVGSKLSKTQTFQCGILQPDPPANITVTA VARNPRWLSVTWQDPHSWNSSFYRLRFELRYRAERSKFTTTWMVKDLQHHC VIHDAWSGLRHVVQLRAQEEFGQGEWSEWSPEAMGTPWTESRSPPAENEV STPTQAPTTNKDDDNILSRDSANATSLPVQDSSSVPLP
Source	Mammalian cell
Target Names	IL6R
Expression Region	20-365aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	C-terminal 10xHis-tagged
Mol. Weight	39.5 kDa
Protein Length	Partial
Image	



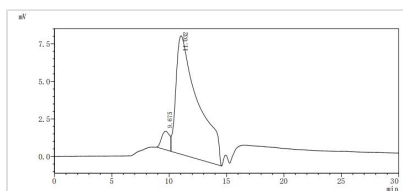
(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



Activity
Measured by its binding ability in a functional ELISA. Immobilized *Macaca fascicularis* IL6R at 2 µg/ml can bind Anti-IL6R recombinant antibody (CSB-RA011665MA1HU). The EC₅₀ is 26.59-31.72 ng/mL.



Activity
IL6R Recombinant Monoclonal Antibody (CSB-RA011665MA1HU) captured on Protein A Chip can bind Recombinant *Macaca fascicularis* IL6R with an affinity constant of 0.381 nM as detected by MetaSPR Assay (WeSPRTM 200).



The purity of IL6R 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.