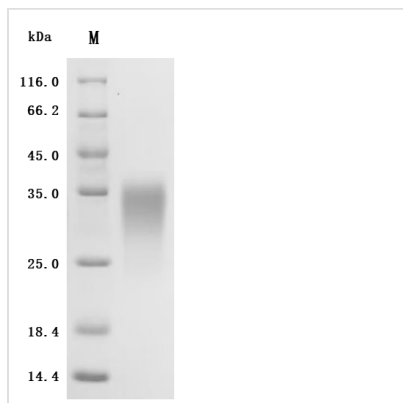


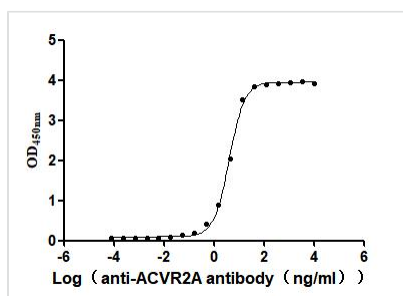


Recombinant Human/Cynomolgus monkey Activin receptor type-2A (ACVR2A), partial (Active)

Product Code	CSB-MP001260HU1
Abbreviation	Recombinant Human/Cynomolgus monkey ACVR2A 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.	P27037/A0A7N9IF81
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 µm filtered PBS, 6% Trehalose, pH 7.4
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	Measured by its binding ability in a functional ELISA. Immobilized Human ACVR2A at 2 µg/mL can bind Anti-ACVR2A recombinant antibody (CSB-RA623829MA1HU). The EC50 is 3.848-4.375 ng/mL.
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	AILGRSETQECLFFNANWEKDRTNQTGVEPCYGDKDKRRHCFATWKNISGSI EIVKQGCWLDDINCYDRTDCVEKKDSPEVYFCCCEGNMCNEKFSYFPMEVTVT QPTSNPVTPKPP
Source	Mammalian cell
Target Names	ACVR2A
Expression Region	20-135aa
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	14.8 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 Human ACVR2A at 2 μg/ml can bind Anti-ACVR2A&ACVR2B recombinant antibody (CSB-RA623829MA1HU). The EC₅₀ is 3.848-4.375 ng/mL.

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.