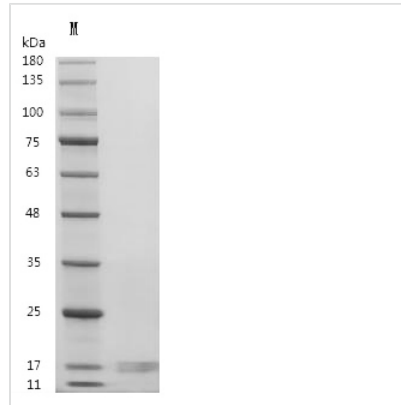




Recombinant Human Inhibin beta A chain (INHBA) (Active)

Product Code	CSB-MP011719HU-WD
Abbreviation	Recombinant Human Activin A protein (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.	P08476
Form	Lyophilized
Storage Buffer	Lyophilized from a 0.2 µm filtered solution containing 0.085%TFA,30%ACN, 5% mannitol, pH 2.5
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Biological Activity	Determined by its ability to inhibit the proliferation of mouse MPC-11 cells. The expected ED50 is ≤ 2.0 ng/ml, corresponding to a specific activity of ≥ 5 x 10 ⁵ units/mg.
Purity	Greater than 95% as determined by SDS-PAGE.
Sequence	GLECDGKVNICCKKQFFVSFKDIGWNDWIIAPSGYHANYCEGECPSHIAGTSG SSLSFHSTVINHYRMRGHSPFANLKSCCVPTKLRPMSMLYYDDGQNIKKDIQN MIVEECGCS
Source	Mammalian cell
Target Names	Activin A
Expression Region	311-426aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag free
Mol. Weight	12.9 kDa
Protein Length	Full Length of Mature Protein

Image



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

Endotoxin

≤10 EU/mg by the 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.