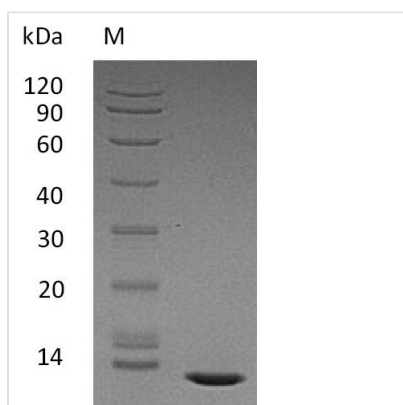




Recombinant Human Transforming growth factor beta-2 proprotein (TGFB2), partial (Active)

Product Code	CSB-AP003961HU
Abbreviation	Recombinant Human TGFB2 protein, partial (Active)
Uniprot No.	P61812
Form	Lyophilized powder
Storage Buffer	Lyophilized from a 0.2 μ m Filtered 4 mM HCl
Product Type	Growth Factor
Immunogen Species	Homo sapiens (Human)
Biological Activity	The ED50 as determined by its ability to inhibit the IL-4-dependent proliferation of TF-1 cells is 30-180pg/ml.
Purity	\geq 95% as determined by SDS-PAGE.
Sequence	ALDAAYCFRNVDNCCCLRPLYIDFKRDLGWKWIHEPKGYNANFCAGACPYLW SSDTQHRSRVLSTLYNTINPEASASPCCVSQDLEPLTILYYIGKTPKIEQLSNMIVK SCKCS
Research Area	Cancer
Source	Mammalian cell
Target Names	TGFB2
Expression Region	303-414aa
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	12.7 kDa
Protein Length	Partial

Image



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

Endotoxin

Less than 0.01 EU/ μ g 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.