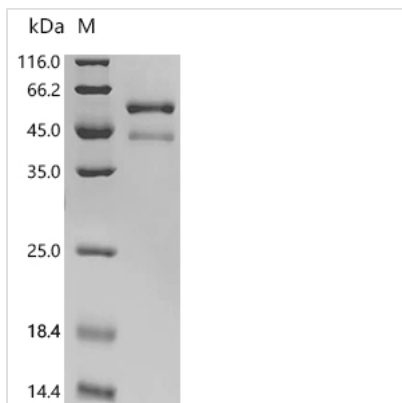


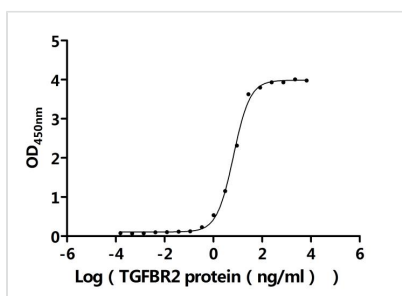


Recombinant Human Transforming growth factor beta-3 proprotein (TGFB3) (Active)

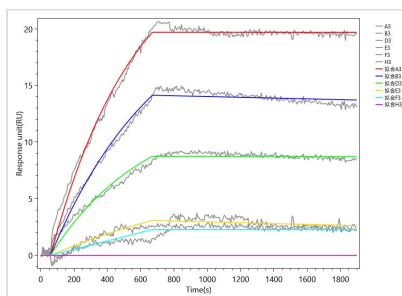
Product Code	CSB-MP023449HU2
Abbreviation	Recombinant Human TGFB3 protein (Active)
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	P10600
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	Homo sapiens (Human)
Biological Activity	①Measured by its binding ability in a functional ELISA. Immobilized Human TGFB3 at 2 μg/mL can bind Human TGFBR2 (CSB-MP023452HU2). The EC50 is 6.173-7.152 ng/mL. ②Human TGFBR2 (CSB-MP023452HU2) captured on Protein A Chip can bind Recombinant Human TGFB3 with an affinity constant of 1.92 nM as detected by MetaSPR Assay (WeSPRTM 200).
Purity	≥ 95% as determined by SDS-PAGE.
Sequence	LSTCTTLDFGHIKKRVEAIRGQILSKLRLTSPPEPTVMTHVPYQVLALYNSTRE LLEEMHGEREEGCTQENTESEYYAKEIHKFDMIQGLAEHNELAVCPKGITSKV FRFNVSSVEKNRNTLFRAEFRVLRVNPSSKRNEQRIELFQILRPDEHIAKQRYI GGKNLPTRGTAEWLSFDVTDVREWLLRRESNLGLEISIHCPCHTFQPNGDIL ENIHEVMEIKFKGVDNEDDHGRGDLGRLKKQKDHHPHLILMMIPPHRLDNPG QGGQRKKRALDTNYCFRNLEENCCVRPLYIDFRQDLGWKVVHEPKGYANF CSGPCPYLRSADTTHSTVLGLYNTLNPEASASPCCVPQDLEPLTILYVGRTPK VEQLSNMVKCKCS
Source	Mammalian cell
Target Names	TGFB3
Expression Region	24-412aa
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	N-terminal 10xHis-tagged
Mol. Weight	46.2 kDa
Protein Length	Full Length of Mature Protein
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 TGFB3 at 2 µg/ml can bind Human TGFB2 (CSB-MP023452HU2). The EC₅₀ is 6.173-7.152 ng/mL.



Activity
Human TGFB2 (CSB-MP023452HU2) captured on Protein A Chip can bind Recombinant Human TGFB3 with an affinity constant of 1.92 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.