



Recombinant Pig Transforming growth factor beta-3 (TGFB3)

Product Code	CSB-EP023449PI
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P15203
Product Type	Recombinant Protein
Immunogen Species	Sus scrofa (Pig)
Purity	≥85% (SDS-PAGE)
Sequence	MSTCTTLDF DHIKRKRVEA IRGQILSKLR LTSPDPDPSML ANIPTQVLDL YNSTRELLEE VHGERGDDCT QENTESEYYA KEIYKFDMIQ GLEEHNDLAV CPKGITSKIF RFNVSSVEKN ETNLFRAEFR VLRMPNPSSK RSEQRIELFQ ILQPDEHIAK QRYIDGKNLP TRGAAEWLSF DVTDTVREWL LRRESNLGLE ISIHCPCHTF QPNGDILENI QEVMEIKFKG VDEDDPGRG DLGRLKKKKE HSPHLILMMI PPDRLDNPGI GAQRKKR
Source	E.coli
Target Names	TGFB3
Protein Names	Recommended name: Transforming growth factor beta-3 Short name= TGF-beta-3
Expression Region	22-297
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full Length of Mature Protein
Target Details	This gene encodes a member of the TGF-beta family of proteins. The encoded protein is secreted and is involved in embryogenesis and cell differentiation. Defects in this gene are a cause of familial arrhythmogenic right ventricular dysplasia 1.
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.