

Recombinant Transforming Growth Factor Beta 3 (TGFb3) Instruction Manual

SIPB283Hu02

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted
Predicted Molecular Mass	35.8kDa
Accurate Molecular Mass	38kDa(Analysis of differences refer to the manual)
Residues & Tags	Leu24~Arg300 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	8.9
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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LSTCTTL DFGHIKKKRV EAIRGQILSK  
LRLTSPPEPT VMTHVPYQVL ALYNSTRELL EEMHGEREEG CTQENTSEY  
YAKEIHKFDM IQGLAEHNEL AVCPKGITSK VFRFNVSSVE KNRTNLFRAE  
FRVLRVNPNS SKRNEQRIEL FQILRPDEHI AKQRYIGGKN LPTRGTAEWL  
SFDVTDTVRE WLLRRESNLG LEISIHCPCH TFQPNGDILE NIHEVMEIKF  
KGVNEDDHG RGDGLRLLKQ KDHHNPHLIL MMIPPHRLDN PGQGGQRKKR
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL.
Do not vortex.

