

Recombinant Nodal Homolog (NODAL) Instruction Manual

SIPK220Hu01

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	40.4kDa
Accurate Molecular Mass	40kDa(Analysis of differences refer to the manual)
Residues & Tags	Ala27~Leu347 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	> 90%
Isoelectric Point	6.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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ALLR TRGQPSSPSP LAYMLSLYRD  
PLPRADIIRS LQAEDVAVDG QNWTFAFDFS FLSQQEDLAW AELRLQLSSP  
VDLPTEGSLA IEIFHQPKPD TEQASDSCLE RFQMDLFTVT LSQVTFSLGS  
MVLEVTRPLS KWLKHPGALE KQMSRVAGEC WPRPPTPPAT NVLLMLYSNL  
SQEQRQLGGS TLLWEAESSW RAQEQQLSWE WGKRHRRHHL PDRSQLCRKV  
KFQVDFNLIG WGSWIIYPKQ YNAYRCEGEC PNPVGEEFHP TNHAYIQSLL  
KRYQPHRVPS TCCAPVKTKP LSMLYVDNGR VLLDHHKDMI VEECGCL
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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.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Image

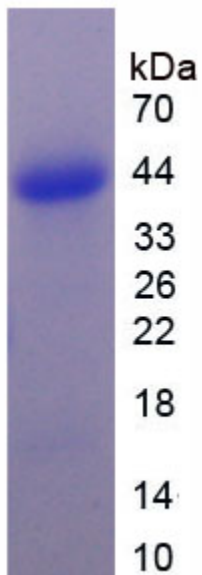


Figure. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.