

Recombinant Wingless Type MMTV Integration Site Family, Member 5B (WNT5B) Instruction Manual

SIPP077Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Secreted, Extracellular matrix
Predicted Molecular Mass	68.5kDa
Accurate Molecular Mass	69kDa(Analysis of differences refer to the manual)
Residues & Tags	Gln18~Lys359 with N-terminal His and GST Tag
Buffer Formulation	100mMNaHCO ₃ , 500mMNaCl, pH8.3, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	8.8
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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QLL TDANSWWSLA LNPVQRPEMF IIGAQPVCSSQ
LPGLSPGQRK LCQLYQEHMA YIGEGAKTGI KECQHQRFRQR RWCSTADNA
SVFGRVMQIG SRETAFTHAV SAAGVVNAIS RACREGELST CGCSRTARPK
DLPRDWLWGG CGDNVEYGYR FAKEFVDARE REKNFAKGSE EQGRVLMNLQ
NNEAGRRAVY KMADVACKCH GVSGSCSLKT CWLQLAEFRK VGDRLKEKYD
SAAAMRVTRK GRLELVNSRF TQPTPEDLVY VDPSPDYCLR NESTGSLGTQ
GRLCNKTSEG MDGCELMCCG RGYNQFKSVQ VERCHCKFHW CCFVRCKKCT
EIVDQYICK
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-0.5 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

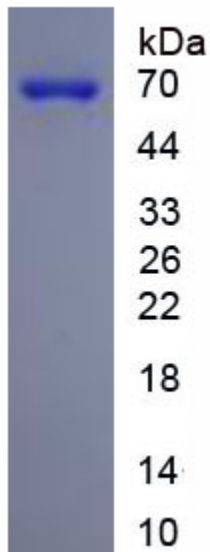


Figure. SDS-PAGE

[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.