YBP549Mu01 50μg

Recombinant Wingless Type MMTV Integration Site Family, Member 5A (WNT5A)

Organism Species: Mus musculus (Mouse)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[PROPERTIES]

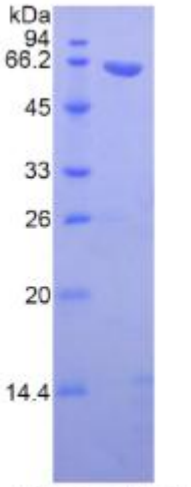
Residues: Ile62~Lys380 (Accession # P22725), with N-terminal GST-tag.

Host: *E. coli*

Subcellular Location: Secreted, extracellular space, extracellular matrix.

Purity: >95%

Endotoxin Level: <1.0EU per 1μg (determined by the LAL method).



15% SDS-PAGE

Formulation: Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.

Predicted isoelectric point: 8.3

Predicted Molecular Mass: 62.2kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

[USAGE]

Reconstitute in sterile PBS, pH7.2-pH7.4.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The target protein is fused with N-terminal GST-tag, its sequence is listed below.

MSPILGYWKI KGLVQPTRLL LEYLEEKYEE HLYERDEGDK WRNKKFELGL EFPNLPYYID
GDVKLTQSMA IIRYIADKHN MLGGCPKERA EISMLEGAVL DIRYGVSRIA YSKDFETLKV
DFLSKLPEML KMFEDRLCHK TYLNGDHVTH PDFMLYDALD VVLYMDPMCL DAFPKLVCFK
KRIEAIPQID KYLKSSKYIA WPLQGWQATF GGGDHPPKSD GGPLGSEF- IIGAQPLCS
Q L A G L S Q G Q K K L C H L Y Q D H M Q Y I G E G A K T G I K E C Q Y Q F R H R R W N C S T V D N
T S V F G R V M Q I G S R E TA F T YA V S A A G V V N A M S R A C R E G E L S T C G C S R A A R P
KDLPRDWLWG GCGDNIDYGY RFAKEFVDAR ERERIHAKGS YESARILMNL HNNEAGRRTV
Y N L A D VA C K C H G V S G S C S L K T C W L Q L A D F R K V G D A L K E K Y D S A A A M R L N S
RGKLVQVNSR FNSPTTQDLV YIDPSPDYCV RNESTGSLGT QGRLCNKTSE GMDGCELMCC
GRGYDQFKTV QTERCHCKFH WCCYVKCKKC TEIVDQFVCK

[REFERENCES]

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