YBB278Ra01 100μg

Recombinant Fc Fragment Of IgG Low Affinity IIIa Receptor (FcgR3A)

Organism Species: Rattus norvegicus (Rat)

Instruction manual

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

9th Edition (Revised in Jul, 2013)

[<u>PROPERTIES</u>]

Residues: Leu5~His241 (Accession # Q6XPU4), with

two N-terminal Tags, His-tag and GST-tag.

Host: *E. coli*

Purity: >95%

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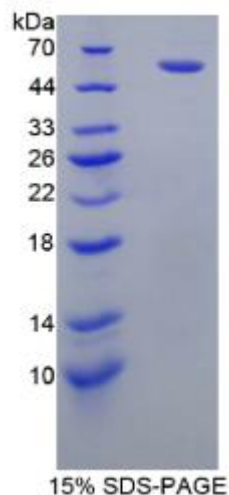
LAL method).

Formulation: Supplied as lyophilized form in PBS, pH7.4,

containing 5% sucrose, 0.01% sarcosyl.

Predicted isoelectric point: 6.9

Predicted Molecular Mass: 58.3kDa

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

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

15% SDS-PAGE

[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 two N-terminal Tags, His-tag and 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 GSTSGSGHHH HHHSAGLVPR GSTAIG MKET AAAKFERQHM DSPDLGTLEV LFQ GPLGS-LLPTAL LLTVSSGVGA GLQKAVVNLD PEWVRVLEED CVILRCQGTF SPEDNSTKWF HNKSLISHQD ANYVIQSARV KDSGMYRCQT AFSALSDPVQ LDVHADWLLL QTTKRLFQEG DPIRLRCHSW RNTPVFKVTY LQNGKGKKYF HRNSELSISK ATHADSGSYF CRGIIGRNNI SSASLQISIG DPTSPSSFLP WHQITFCLLI GLLFAIDTVL YFSVQRSLQS SVAVYEEPKL H