

RPG482Hu01 1

Recombinant Growth Arrest Specific Protein 7 (GAS7)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

13th Edition (Revised in Aug, 2023)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Met1~Asp456

Tags: N-terminal His Tag

Subcellular Location: Cytoplasm

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.

Original Concentration: 100µg

Applications: Positive Control; Immunogen; SDS-PAGE; WB.

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

Predicted isoelectric point: 6.9

Predicted Molecular Mass: 55.6kDa

Accurate Molecular Mass: 56kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 10mM PBS (pH7.4) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

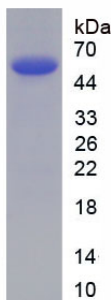
Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. 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.

[SEQUENCE]

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MSGARCRTLY PFSGERHGQG LRFAAGELIT LLQVPDGGWW EGEKEDGLRG  
WFPASYVQL LEKPGMVPPP PGEESQTVIL PPGWQSYLSP QGRRYYVNTT T  
NETTWERP SSSPGIPASP GSHRSSLPPT VNGYHASGTP AHPPETAHMS VR  
KSTGDSQ NLGSSSPSKK QSKENTITIN CVTFPHPTM PEQQLLKPT E WSY  
CDYFWA DKKDPQGNGT VAGFELLQK QLKGGKQMQKE MSEFIRERIK IEED  
YAKNL AKLSQNSLAS QEEGSLGEAW AQVKKSLADE AEVHLKPSAK LHSEV  
EKPL MNFRENFKKD MKKCDHHIAD LRKQLASRYA SVEKARKALT ERQRDL  
EMK TQQLEIKLSN KTEEDIKKAR RKSTQAGDDL MRCVDLYNQA QSKWFEE  
MV TTLELERLE VERVEMIRQH LCQYTQLRHE TDMFNQSTVE PVDQLLRK  
V DPAKD
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[IDENTIFICATION]



[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.