

**RPG482Mu01 100µg**

**Recombinant Growth Arrest Specific Protein 7 (GAS7)**

**Organism Species: *Mus musculus* (Mouse)**

***Instruction manual***

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

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13th Edition (Revised in Aug, 2023)

**[ PROPERTIES ]**

**Source:** Prokaryotic expression

**Host:** *E.coli*

**Residues:** Met1~Ile421

**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:** 200µg/mL

**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:** 7.7

**Predicted Molecular Mass:** 51.9kDa

**Accurate Molecular Mass:** 50kDa 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.

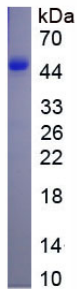
Aliquot and store at -80°C for 12 months.

**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 ]**

MATALQKPGM VPPPPGEESQ TVILPPGWHS YLSPQGRRYY VNTTTNETTW  
ERPSSSPGI SASPAPHRSS LPTTVNGYHA SGTPAHPPET AHMSLRKSTG D  
SQNLGSSS PGRKQSKENT ITINCVTFPH PDTMPEQQLL KPTEWSYCDY FW  
ADKKDPQ GNGTVAGFEL LLQKQLKGKQ MQKEMSEFIR ERIKIEEYA KNL  
AKLSQN SLAAQEEGSL GEAWAQVKKS LADEAEVHLK FSAKLHSEVE KPLM  
NFREN FKKDMKKCDH HIADLRKQLA SRYASVEKAR KALTERQKDL EMKTQ  
QLEI KLSNKTEEDI KKARRKSTQA GDDL MRCVDL YNQAQSKWFE EMVTTT  
LEL ERLEVERVEM IRQHLCQYTQ LRHETDMFNQ STVEPVDQLL RKVDPK  
DR ELWVREHKTG NIRPVDMEI

**[ 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.