

**RPE485Ra01 100 ug**

**Recombinant Solute Carrier Family 39, Member 7 (SLC39A7)**

**Organism Species: *Rattus norvegicus* (Rat)**

***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:** Ala141~Glu468

**Tags:** N-terminal His Tag

**Subcellular Location:** Golgi apparatus, Endoplasmic reticulum lumen

**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:** 6.5

**Predicted Molecular Mass:** 37.8 kDa

**Accurate Molecular Mass:** 38 kDa 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.

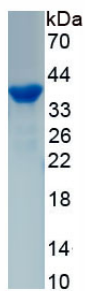
Aliquot and store at -80°C for 12 months.

**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 ]**

AAPFFVLFLIPVESNSPRH RLLQILLSF ASGGLLGDAF LHLIPHALEP HSHDTPAQPG H  
GSHSGQG PILSVGLWVL SGIVAFLVVE KFVRHVKGGH GHAAHGHGH SH  
GDSHAHG HSHAHGDRHE CPSKGKPSSE DEKEAGGLRK RRGGDTGPRD GPL  
KPQNPE EEKTGSDLRV SGYLNLAADL AHNFTDGLAI GASFRGGRGL GILT  
TMTVL LHEVPHEVGD FAILVQSGCS KKQAMRLQLL TAIGALAGTA CALLT  
EGGA VGSEVAGGAG PGWVLPFTAG GFIVVATVSV LPELLREASP LQSLLE  
VLG LLGGVAMMVL IAHLE

[ **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.