RPE484Hu01 100µg

Recombinant Solute Carrier Family 39, Member 4 (SLC39A4)

Organism Species: *Homo sapiens (Human)*

Instruction manual

FOR RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression

Host: *E.coli*

Residues: Ser23~Tyr327

Tags: Two N-terminal Tags, His-tag and SUMO-tag

Subcellular Location: Membrane

Purity: > 90%

Traits: Freeze-dried powder

Buffer formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 0.01% sarcosyl, 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: 5.3

Predicted Molecular Mass: 45.5kDa

Accurate Molecular Mass: 46kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8ºC for one month.

Aliquot and store at -80ºC 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]

SPPAGLLS LLTSGQGALD QEALGGLLNT
LADRVHCANG PCGKCLSVED ALGLGEPEGS GLPPGPVLEA RYVARLSAAA
VLYLSNPEGT CEDARAGLWA SHADHLLALL ESPKALTPGL SWLLQRMQAR
AAGQTPKMAC VDIPQLLEEA VGAGAPGSAG GVLAALLDHV RSGSCFHALP
SPQYFVDFVF QQHSSEVPMT LAELSALMQR LGVGREAHSD HSHRHRGASS
RDPVPLISSS NSSSVWDTVC LSARDVMAAY GLSEQAGVTP EAWAQLSPAL
LQQQLSGACT SQSRPPVQDQ LSQSERY

[IDENTIFICATION]

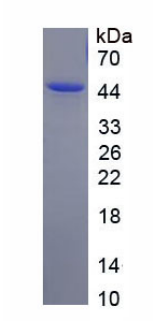

Figure. SDS-PAGE

[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.