



Recombinant Plasmalethanolamine desaturase 1 (PEDS1)

Catalog No.: TP09789

100ug

Sequence Information

Species: Mouse

Gene ID:407243

Swiss Prot:Q99LQ7

Synonyms:Tmem189, Pdes

Residues:Met1-Lys271

MAGAEDAPGRQPELDEDETAEGRRWGAQHAGARELAALYSPGKRFQEWCSVILCFSLIAHNLVHLLLLARWEHTPLVILGVVAGALVADFLSGLV
HWGADTWGSVDLPVIGKAFIRPFREHHIDPTAITRHDFIETNGDNCLVTLLPLLNMAKFRQTQSPETLEQLYPWECFVFCITIFGTFTNQIHKWS
HTYLGLPYWTVLQDWHVILPRKHHRIHHVAPHETYFCITTGWLNYPLEVIGFWRRLEDLIQGLTGKPRADDMKWAQKIK

Product Information

Source: Prokaryotic expression.

Host: *E. coli*

Tags: N-terminal His-Tag and TRxA Tag

Subcellular Location: Secreted.

Purity: >90%

Traits: Freeze-dried powder

Buffer formulation: PBS pH7.2, 0.01% sarcosyl, 5%Trehalose .

Original Concentration: 1mg/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: 6.23

Predicted Molecular Mass: 40.5kDa

Accurate Molecular Mass: 41kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in PBS pH7.2 or ddH₂O to a concentration of 0.1-0.5 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.

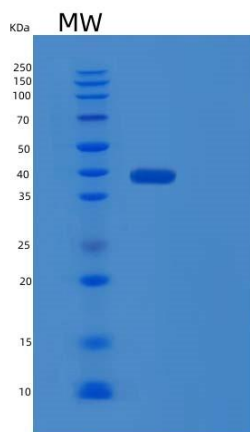


Figure . SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.