

RPL427Mu01 50µg

Recombinant Deafness, Autosomal Dominant 5 (DFNA5)

Organism Species: *Mus musculus* (Mouse)

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~Asp512

Tags: N-terminal His Tag

Subcellular Location: Membrane, Cytoplasm

Purity: > 90%

Traits: Freeze-dried powder

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

Original Concentration: 80µg/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: 5.1

Predicted Molecular Mass: 60.3kDa

Accurate Molecular Mass: 60kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 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.

[SEQUENCE]

MFAKATRNFL	KEVDAGGDLI	SVSHLNDSK	LQLLSLVTKK	KRYWCWQRPK	YQILSATLED
VLTEGHCLSP	VVVEDFVKY	ESKCENHKSG	AIGTVVGKVK	LNVGKGVE	SHSSFGTLRK
QEV DVQQLIQ	DAVKRTVNMD	NLVLQQVLES	RNEVLCVLTQ	KIMTTQKCVI	SEHVQSEETC
GGMVGIQTKT	IQVSATEDGT	VTTDTNVVLE	IPAATTIAYG	IMELFVKQDG	QFEFCLLQ GK
HGGFEHERKL	DSVYLDPLAY	REFAFLDMLD	GGQGISSQDG	PLRVVKQATL	HLERSFHPFA
VLPAQQQRAL	FCVLQKILFD	EELLRALEQV	CDDVAGGLWS	SQAVLAMEEL	TDSQQQDLTA
FLQLVGYRIQ	GEHPGPQDEV	SNQKLFATAY	FLVSALAEMP	DNATVFLGTC	CKLHVISSLC
CLLHALSDDS	VCDFHNPTLA	PLR DTERFGI	VQRLFASADI	ALERMQFS AK	ATILKDSCIF
PLILHITLSG	LSTLSKEHEE	ELCQSGHATG	QD		

[IDENTIFICATION]

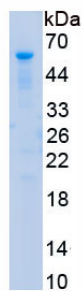


Figure. SDS-PAGE

[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.