

Recombinant Vanin 1 (VNN1)

Instruction Manual

SIPC822Hu04

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1µg (determined by the LAL method)
Subcellular Location	Membrane
Predicted Molecular Mass	56.0kDa
Accurate Molecular Mass	56kDa(Analysis of differences refer to the manual)
Residues & Tags	Gln22~Gly491 with N-terminal His Tag
Buffer Formulation	PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.0
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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QDTFTAAYV EHAAILPNAT LTPVSREEAL
ALMNRNLDIL EGAITSAADQ GAHIIVTPED AIYGWVFNDR SLYPYLEDIP
DPEVNWIPCN NRRNRFQTPV QERLSCLAKN NSIYVVANIG DKKPCDTS DP
QCPPDGRYQY NTDVVVDSQG KLVARYHKQN LFMGENQFNV PKEPEIVTFN
TTFGSFGIFT CFDILFHDPV VTLVKDFHVD TIVFPTAWMN VLPPLSAVEF
HSAWAMGMRV NFLASNIHYP SKKMTGSGIY APNSSRAFHY DMKTEEGKLL
LSQLDShPSH SAVVNWTSYA SSIEALSSGN KEFKGTVFFD EFTFVKLTGV
AGNYTVCQKD LCCHLSYKMS ENIPNEVYAL GAFDGLHTVE GRYYLQICTL
LKCKTTNLNT CGDSAETAST RFEMFSLSGT FGTQYVFPEV LLSENQLAPG
EFQVSTDGRL FSLKPTSGPV LTVTLFGRLY EKDASNASS G
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

STORAGE

Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.

STABILITY

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.

Image

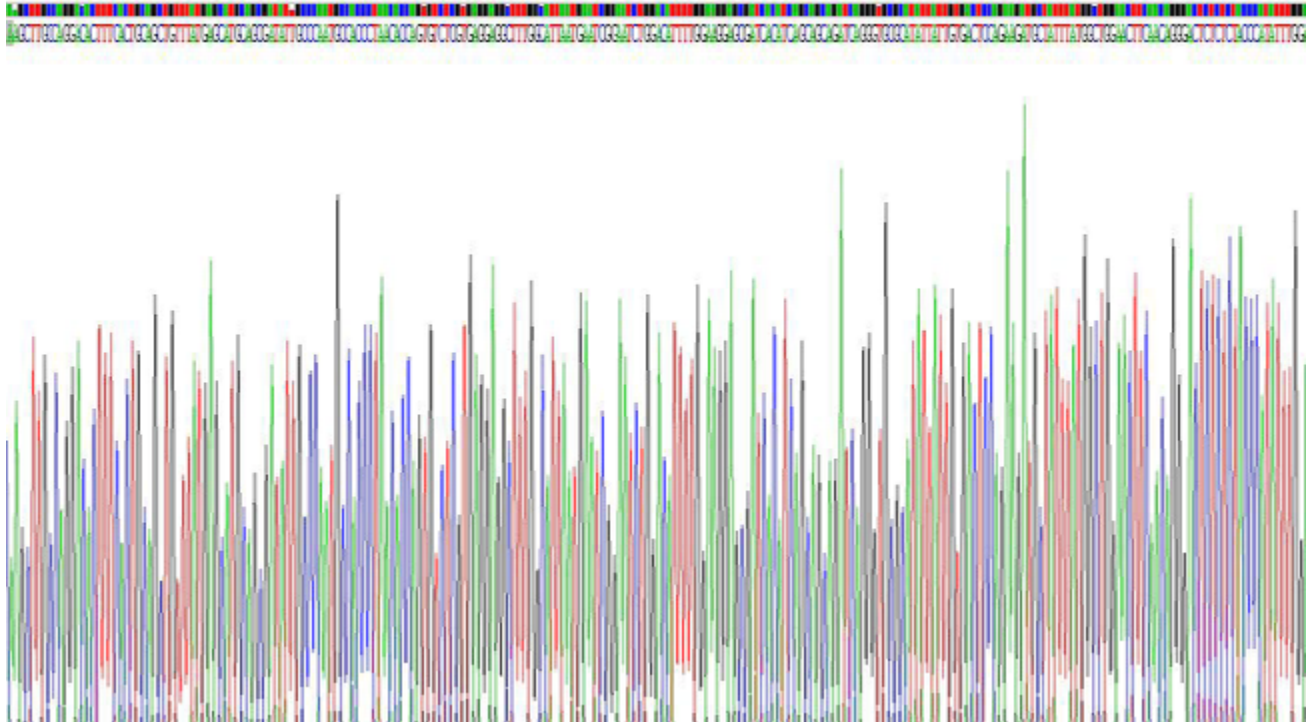


Figure. SDS-PAGE

[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.

