

Recombinant Transient Receptor Potential Cation Channel Subfamily A, Member 1 (TRPA1) Instruction Manual

SIPF273Hu01

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	37.6kDa
Accurate Molecular Mass	38kDa(Analysis of differences refer to the manual)
Residues & Tags	Asp63~Ile370 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Traits	Freeze-dried powder
Purity	> 90%
Isoelectric Point	5.6
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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DTFFLHYA AAEGQIELME KITRDSSLEV LHEMDDYGNT  
PLHCAVEKNQ IESVKFLLSR GANPNLRNFN MMAPLHIAVQ GMNNEVMKVL  
LEHRTIDVNL EGENGNTAVI IACTTNNSEA LQILLKKGAK PCKSNKWGCF  
PIHQAAFSGS KECMEILRF GEEHGYSRQL HINFMNNGKA TPLHLAVQNG  
DLEMIKMCLD NGAQIDPVEK GRCTAIHFAA TQGATEIVKL MISSYSGSVD  
IVNTTDGCHE TMLHRASLFD HHELADY LIS VGADINKIDS EGRSPLILAT  
ASASWNIVNL LLSKGAQVDI
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USAGE

Reconstitute in ddH₂O to a concentration of 0.1-1.0 mg/mL. Do not vortex.

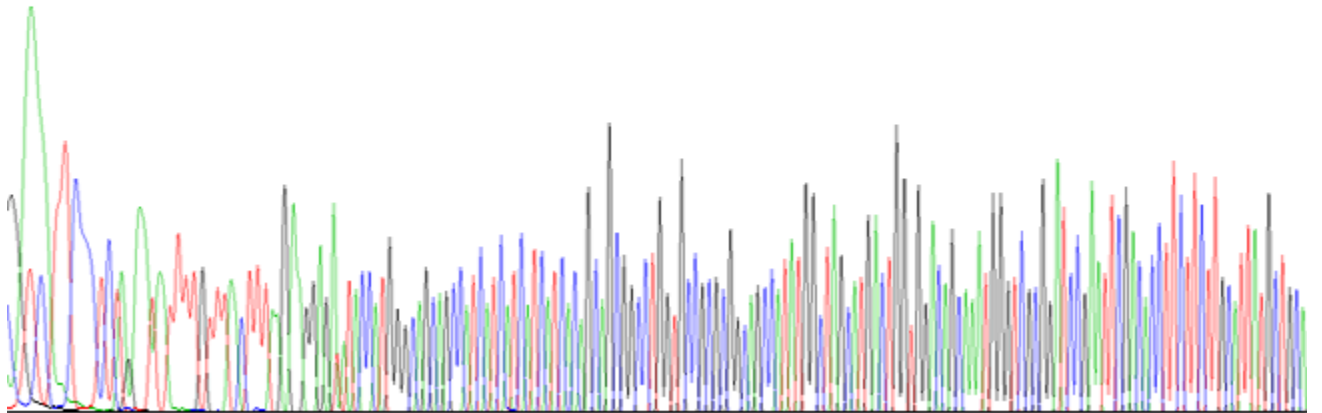
STORAGE

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



SDS-PAGE Image

[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.