Recombinant Ankyrin Repeat And KH Domain Containing Protein 1 (ANKHD1) Instruction Manual

SIPN719Hu01

Homo sapiens (Human)

Source	Prokaryotic expression
Host	E.coli
Endotoxin Level	<1.0EU per 1μg (determined by the LAL method)
Subcellular Location	Cytoplasm
Predicted Molecular Mass	41.8kDa
Accurate Molecular Mass	43kDa(Analysis of differences refer to the manual)
Residues & Tags	Val204~Ala563 with N-terminal His Tag
Buffer Formulation	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Traits	Freeze-dried powder
Purity	> 95%
Isoelectric Point	4.2
Applications	Positive Control; Immunogen; SDS-PAGE; WB.

SEQUENCE

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   VDTRSLA EACSDGDVNA VRKLLDEGRS VNEHTEEGES LLCLACSAGY
YELAQVLLAM HANVEDRGNK GDITPLMAAS SGGYLDIVKL LLLHDADVNS
QSATGNTALT YACAGGFVDI VKVLLNEGAN IEDHNENGHT PLMEAASAGH
VEVARVLLDH GAGINTHSNE FKESALTLAC YKGHLDMVRF LLEAGADQEH
KTDEMHTALM EACMDGHVEV ARLLLDSGAQ VNMPADSFES PLTLAACGGH
VELAALLIER GANLEEVNDE GYTPLMEAAR EGHEEMVALL LAQGANINAQ
TEETQETALT LACCGGFSEV ADFLIKAGAD IELGCSTPLM EASQEGHLEL
VKYLLASGAN VHA
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USAGE

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) 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.
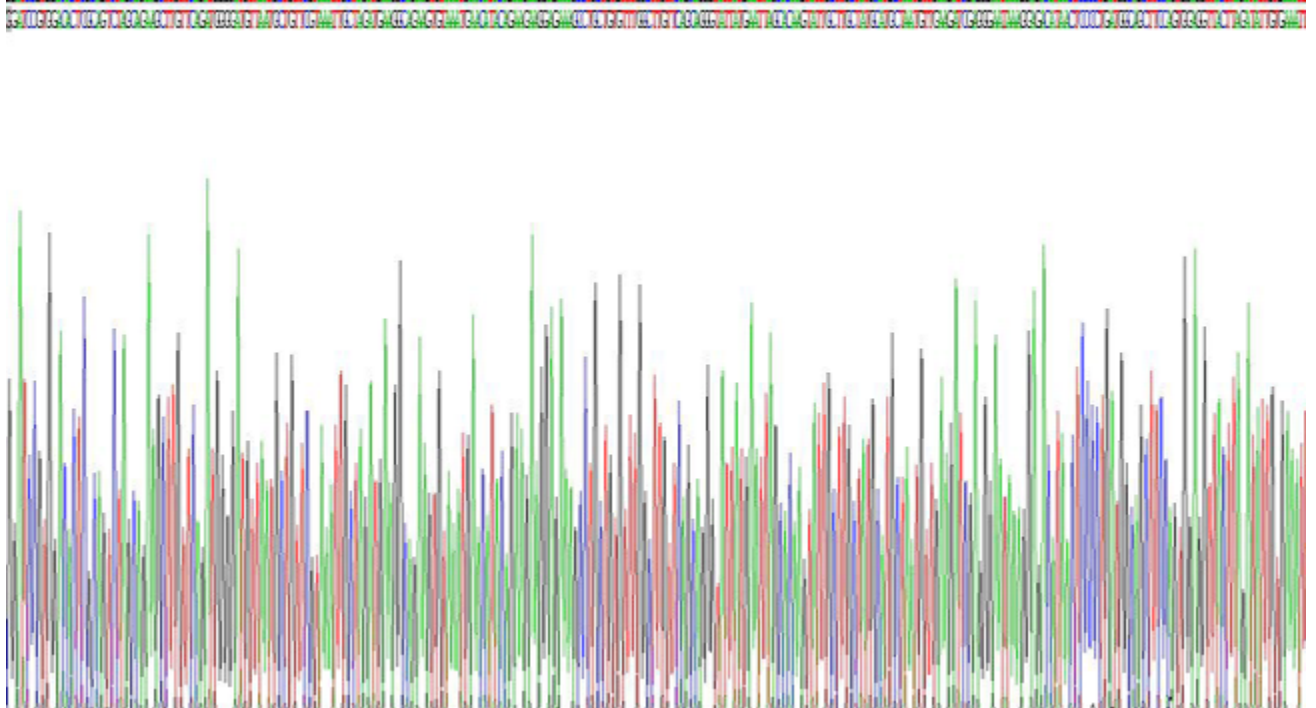
Image

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.