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YBC519Mu01 100ug

Recombinant Heart And Neural Crest Derivatives Expressed Protein 1
(HAND1)

Organism Species: *Mus musculus* (Mouse)

*Instruction
manual*

FOR IN VITRO USE AND RESEARCH USE ONLY

NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

10th Edition (Revised in Jan,
2014)

[PROPERTIES]

Residues: Met1~Gln216

Tags: Two N-terminal Tags, His-tag and T7-tag

Accession: Q64279

Host: *E. coli*

Subcellular Location: Nucleus, nucleoplasm,
nucleolus.

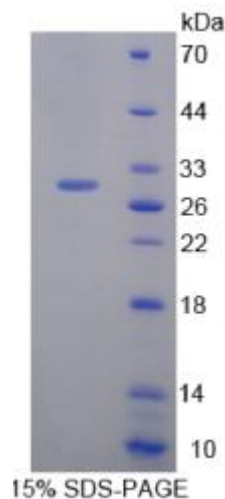
Purity: >90%

Endotoxin Level: <1.0EU per 1μg (determined by
the LAL method).

Formulation: Supplied as lyophilized form in 20mM

Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM

DTT, 0.01% sarcosyl, 5% trehalose, and
preservative.





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Predicted isoelectric point:

9.7 Predicted Molecular Mass:

27.5kDa

Applications: SDS-PAGE; WB; ELISA; IP.

(May be suitable for use in other assays to be determined by the end user.)

[USAGE]

Reconstitute in sterile ddH₂O.

[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 of the target protein. 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. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.

[SEQUENCES]

The sequence of the target protein is listed below.

M N L V G S Y A H H H H H H S H P P H P M L H E P F L F G P A S R C H Q E R P Y F Q S W L L S
P A

DAAPDFPAGG PPPTTAVAAA AYGP DARPSQ SPGRLEALGS RLPKRKGGSP KKERRRTEI

NSAFaelREC IPNVPADTKL SKIKTLRLAT SYIAYLMDVL AKDAQAGDPE AFKaelKKTD

GGRESKRKRE LPQQESFPP ASGPGEKRIK GRTGWPPQVW ALELNQ