Coud-Clone Corp.

EPB995Hu61 100ug Eukaryotic Hemojuvelin (HJV) Organism Species: Homo sapiens (Human) *Instruction manual*

FOR IN VITRO USE AND RESEARCH USE ONLY NOT FOR USE IN CLINICAL DIAGNOSTIC PROCEDURES

11th Edition (Revised in May, 2016)

[PROPERTIES]

Source: Eukaryotic expression. Host: 293F cell Residues: Gln36~Asp400 Tags: Two Tags, His-tag and Fc-tag Homology: Mouse 88%, rat 86% Tissue Specificity: Liver, Heart. Subcellular Location: Cell membrane. Membrane. **Purity:** >95% **Endotoxin Level:** <1.0EU per 1µg (determined by the LAL method). **Traits:** Freeze-dried powder Buffer Formulation: 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 5%Trehalose and Proclin300. Original Concentration: 200ug/mL Predicted isoelectric point: 7.7 Predicted Molecular Mass: 66.1kDa Accurate Molecular Mass: 69kDa as determined by SDS-PAGE reducing conditions. **Applications:** SDS-PAGE; WB; ELISA; IP; CoIP; EMSA; Reporter Assays; Purification; Amine Reactive Labeling.

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

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[<u>USAGE</u>]

Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

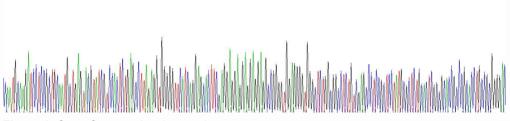
Aliquot and store at -80°C for 12 months.

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.

[<u>SEQUENCE</u>]

QCKIL RCNAEYVSST LSLRGGGSSG ALRGGGGGGR GGGVGSGGLC RALRSYALCT RRTARTCRGD LAFHSAVHGI EDLMIQHNCS RQGPTAPPPP RGPALPGAGS GLPAPDPCDY EGRFSRLHGR PPGFLHCASF GDPHVRSFHH HFHTCRVQGA WPLLDNDFLF VQATSSPMAL GANATATRKL TIIFKNMQEC IDQKVYQAEV DNLPVAFEDG SINGGDRPGG SSLSIQTANP GNHVEIQAAY IGTTIIIRQT AGQLSFSIKV AEDVAMAFSA EQDLQLCVGG CPPSQRLSRS ERNRRGAITI DTARRLCKEG LPVEDAYFHS CVFDVLISGD PNFTVAAQAA LEDARAFLPD LEKLHLFPSD

[IDENTIFICATION]



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Figure 1. Gene Sequencing (extract)

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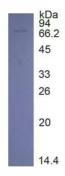


Figure 2. SDS-PAGE

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