

RPC517Hu01 50µg
Recombinant Hyaluronan Binding Protein 2 (HABP2)
Organism Species: Homo sapiens (Human)
Instruction manual

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

12th Edition (Revised in Aug, 2016)

[PROPERTIES]

Source: Prokaryotic expression.

Host: *E. coli*

Residues: Phe24~Phe560

Tags: N-terminal His-Tag

Subcellular Location: Secreted.

Purity: >92%

Traits: Freeze-dried powder

Buffer formulation: 100mM NaHCO₃, 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5%Trehalose and Proclin300.

Original Concentration: 200ug/mL

Applications: SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.

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

Predicted isoelectric point: 6.0

Predicted Molecular Mass: 63.9kDa

Accurate Molecular Mass: 70kDa as determined by SDS-PAGE reducing conditions.

[USAGE]

Reconstitute in 100mM NaHCO₃, 500mM NaCl (pH8.3) 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.

[SEQUENCE]

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                                FSLMSLL  ESLDPDWTPD  QYDYSYEDYN
QEENTSSSTLT HAENPDWYYT EDQADPCQPN PCEHGGDCLV HGSTFTCSCL
APFSGNKCQK  VQNTCKDNPC  GRGQCLITQS  PPYYRCVCKH  PYTGPCSQV
VPVCRPNPCQ  NGATCSRHRK  RSKFTCACPD  QFKGKFCEIG  SDDCYVGDGY
SYRGKMNRV   NQHACLYWNS  HLLLQENYNM  FMEDAETHGI  GEHNFCRNP
ADEKPWCFIK  VTNDKVKWEY  CDVSACSAQD  VAYPEESPTE  PSTKLPGFDS
CGKTEIAERK  IKRIYGGFKS  TAGKHPWQAS  LQSSLPLTIS  MPQGHFCGGA
LIHPCWVLT   AHCTDIKTRH  LKVVLGDQDL  KKEEFHEQSF  RVEKIFKYSH
YNERDEIPHN  DIALLLKLPV  DGHCALESKY  VKTVCLPDGS  FPSGSECHIS
GWGTETGKG   SRQLLDAKVK  LIANTLCNSR  QLYDHMIDDS  MICAGNLQKP
GQDTCQGDSG  GPLTCEKDGT  YYVYGIVSWG  LECGKRPGVY  TQVTKFLNWI
KATIKSESGF
    
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[IDENTIFICATION]

TTCTCCCTGATGCTTTTGTGGAGAGCCGGACCGGACTGGACCCCTGACGCGTATGATTTACGGCTACGGGGATATATATGGAGAGAGACAGATGGACACTTACCCCTGCTGGAGATCTGACTGGTCTACTGCTAGGACGAGCTGATTCCTGCGCCAGCCCTGTGAACTCGTGGAGACTGCTGCTGATGG
 F S L M S L L E S L D P D V Y P P D Q X D Y S V R D X H Q R E N T S S T L T H A B M P D V V V Y T R D Q A D P C Q P N P C E R G G D C L V B G

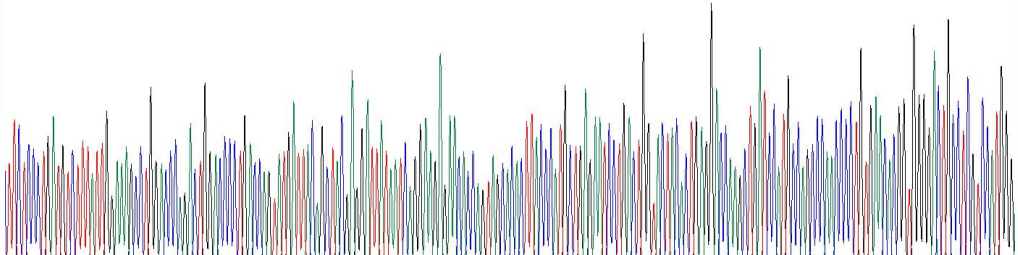


Figure 1. Gene Sequencing (Extract)

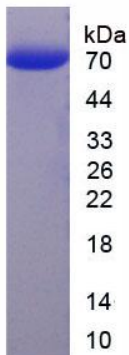


Figure 2. SDS-PAGE