

Hyaluronan Binding Protein 2 Recombinant Protein | HABP2 recombinant protein

Recombinant Hyaluronan Binding Protein 2 (HABP2)

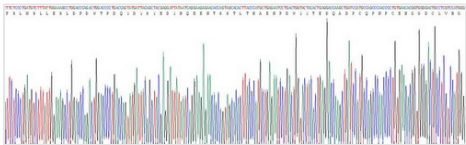
CATALOG # AAA143984	HOST E.coli	REACTIVITY Homo sapiens (Human)	APPLICATIONS Western Blot, SDS-Page
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PRODUCT SYNONYMS

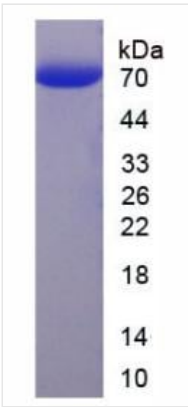
Hyaluronan Binding Protein 2; Recombinant Hyaluronan Binding Protein 2 (HABP2); HABP2 recombinant protein

PRODUCT SPECIFICATIONS

Host	E.coli
Reactivity	Homo sapiens (Human)
Purity/Purification	> 90%
Form/Format	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for HABP2 recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Source	Prokaryotic expression
Residues	Phe24~Phe560
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	6.0
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1. Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in ddH ₂ O to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree 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 degree 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.



Application Data



SDS-PAGE

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FSLMSLL  ESLDPDWTPD  QYDYSYEDYN
QEENTSSLT  HAENPDWYYT  EDQADPCQPN  PCEHGGDCLV  HGSTFTCSCL
APFSGNKCQK  VQNTCKDNPC  GRGQCLITQS  PPYYRCVKH  PYTGPSCSQV
VPVCRPNPCQ  NGATCSRHKR  RSKFTCACPD  QFKGFCFCEIG  SDDCVVGDGY
SYRGKMNRV  NQHACLYWNS  HLLQENYNM  FMEDAETHGI  GEHNFCRNPD
ADEKPCFIK  VTNDKVKWEY  CDVSACSAQD  VAYPEESPT  PSTKLPGFDS
CGKTEIAERK  IKRIYGGFKS  TAGKHPWQAS  LQSSLPLTIS  MPQGHFCGGA
LIHPCWVLT  AHCTDIKTRH  LKVVLGDQDL  KKEEFHEQSF  RVEKIFKYSH
YNERDEIPH  DIALLKLPV  DGHCALESKY  VKTVCLPDGS  FPSGSECHIS
GNGVTETGK  SRQLLDKVK  LIANTLCNSR  QLYDHMIDD  MICAGNLQKP
GQDTCQDGS  GPLTCEKGT  YVYGVISWG  LECGRPGVY  TQVTKFLNWI
KATIKSESGF
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Sequence

NCBI AND UNIPROT INFORMATION

NCBI GI #	119569890
NCBI GeneID	3026
Molecular Weight	Predicted Molecular Mass: 63.9kDa Accurate Molecular Mass: 70kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	hyaluronan binding protein 2
NCBI Official Synonym Full Names	hyaluronan binding protein 2
NCBI Official Symbol	HABP2
NCBI Official Synonym Symbols	FSAP; HABP; PHBP; HGFAL
NCBI Protein Information	hyaluronan-binding protein 2
UniProt Protein Name	Hyaluronan-binding protein 2
UniProt Gene Name	HABP2
UniProt Synonym Gene Names	HGFAL; PHBP; FSAP
UniProt Entry Name	HABP2_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.