

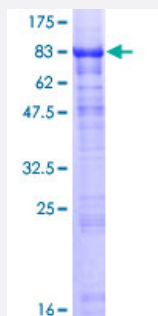
Full-Length

HABP2 (Human) Recombinant Protein (P01)

Catalog # H00003026-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human HABP2 full-length ORF (NP_004123.1, 1 a.a. - 560 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MFARMSDLHVLLLMALVGKTACGFSLSLLESLDPDWTPDQYDYSYEDYNQEENTSSLTHTAEN
PDWYYTEDQADPCQPNPCEHGGDCLVHGSTFTCSCLAPFSGNKCQKVQNTCKDNPCGRGQCL
ITQSPYYRCVCKHPYTGPPSCSQVVPVCRNPCQNGATCSRHKRRSKFTCACPDQFKGKFCEIG
SDDCYVGDGYSYRGKMNRVTNQHACLYWNSHLLQENYNMFMEDAETHGIGEHNFCRNPDAD
KPWCFIKVTNDKVKWEYCDVSACSAQDVAYPEESPTEPSTKLPGFDSCGKTEIAERKIKRIYGGF
KSTAGKHPWQASLQSSLPLTISMPQGHFCGGALHPCWVLTAAHCTDIKTRHLKVVLGDQDLKKE
EFHEQSFVRVEKIFKYSHYNERDEIPHNDIALLLKLPVDGHCALESKYVKTVCLPDGSFSPSGSECHI
SGWGVTTETGKGSRQLLDKVKLIANTLCNSRQLYDHMIDDSMICAGNLQKPGQDTCQGDSGGPL
TCEKDGTYYVYGVSWGLECGKRPGVYTQVTKFLNWIKATIKSESGF

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

89.1

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note

Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — HABP2

Entrez GeneID[3026](#)**GeneBank Accession#**[NM_004132.2](#)**Protein Accession#**[NP_004123.1](#)**Gene Name**

HABP2

Gene Alias

FSAP, HABP, HGFAL, PHBP

Gene Description

hyaluronan binding protein 2

Omim ID[188050 603924](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

The protein encoded by this gene is an extracellular serine protease that binds hyaluronic acid and is involved in cell adhesion. The encoded protein is synthesized as a single chain, but then undergoes an autoproteolytic event to form the functional heterodimer. Further autoproteolysis leads to smaller, inactive peptides. This protease is known to cleave urinary plasminogen activator, coagulation factor VII, and the alpha and beta chains of fibrinogen, but not prothrombin, plasminogen, or the gamma chain of fibrinogen. [provided by RefSeq]

Other Designations

OTTHUMP00000020505|factor VII activating protein|hepatocyte growth factor activator-like protein|hyaluronic acid binding protein 2|plasma hyaluronan binding protein

Disease

- [Acute Disease](#)
- [Alzheimer Disease](#)
- [Arterial Occlusive Diseases](#)
- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhagic Disorders](#)
- [Hepatitis C](#)
- [Liver Cirrhosis](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Venous Thrombosis](#)