

Recombinant Full Length Human HABP2 Protein, GST-tagged

Cat. No. HABP2-3418HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human HABP2 full-length ORF (NP_004123.1, 1 a.a. - 560 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	560 amino acids
Description	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]
Molecular Mass	89.1 kDa
AA Sequence	MFARMSDLHVLLLMALVGKTACGFSLSLLESLDPDWTPDQYDYSYEDYNQEENT SSTLTHAENPDWYYTEDQADPCQPNPCEHGGDCLVHGSTFTCSCLAPFSGNKCQK VQNTCKDNPCGRGQCLITQSPYYRCVCKHPYTGPPSCSQVVPVCRPNPCQNGATC SRHKRRSKFTCACPDQFKGKFCEIGSDDCYVGDGYSYRGKMNRTVNQHACLYWN SHLLLQENYNMFMEDAETHGIGEHNFCRNPDADEKPWCFIKVTNDKVKWEYCDVS ACSAQDVAYPEESPTEPSTKLPGFDSCGKTEIAERKIKRIYGGFKSTAGKHPWQASL

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QSSLPLTISMPQGHFCGGALIHPCWVLTAAHCTDIKTRHLKVVLGDQDLKKEEFHEQ
SFRVEKIFKYSHYNERDEIPHNDIALLLKLPVDGHCALSKYVKTVCPLDGSFSPSGSE
CHISGWGVTETGKGSRQLLDAKVLIANTLCNSRQLYDHMIDDSMICAGNLQKPGQ
DTCQGDSGGPLTCEKDGTYVYVYGVSWGLECGKRPGVYTQVTKFLNWIKATIKSES
GF

Applications

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

Notes

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

Storage

Store at -8 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION

Gene Name

[HABP2 hyaluronan binding protein 2 \[Homo sapiens \]](#)

Official Symbol

[HABP2](#)

Synonyms

HABP2; hyaluronan binding protein 2; hyaluronan-binding protein 2; factor VII activating protein; FSAP; HABP; HGFAL; PHBP; plasma hyaluronan binding protein; factor VII-activating protease; factor seven-activating protease; hyaluronic acid binding protein 2; plasma hyaluronan-binding protein; hepatocyte growth factor activator-like protein;

Gene ID

[3026](#)

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mRNA Refseq	NM_001177660
Protein Refseq	NP_001171131
MIM	603924
UniProt ID	Q14520

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