

Recombinant Human HABP2 protein, GST-tagged

Cat. No. HABP2-20H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human HABP2(C-term-389aa) fused with GST tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	C-term-389aa
Description	This gene encodes a member of the peptidase S1 family of serine proteases. The encoded preproprotein is secreted by hepatocytes and proteolytically processed to generate heavy and light chains that form the mature heterodimer. Further autoproteolysis leads to smaller, inactive peptides. This extracellular protease binds hyaluronic acid and may play a role in the coagulation and fibrinolysis systems. Mutations in this gene are associated with nonmedullary thyroid cancer and susceptibility to venous thromboembolism. Alternative splicing results in multiple transcript variants, at least one of which encodes a preproprotein that is proteolytically processed.
Form	Protein lyophilized in sterile PBS (58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, 100 mM GSH, pH 8.0) and 10% glycerol.
AA Sequence	SKFTCACPDQFKGKFCEIGSDDCYVGDGYSYRGKMNRVTNQHACLYWNSHLLQENYNMFMEDAETHGIGEHNFCRNPDADKPKWCFIKVTNDKVKWEYCDVSACSAQDVAYPEESPTEPSTKLPGFDSCGKTEIAERKIKRIYGGFKSTAGKHPWQASLQSSLPLTI

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SMPQGHFCGGALIHPCWVLTAHCTDIKTRHLKVVLGDQDLKKEEFHEQSFRVEKIF
 KYSHYNERDEIPHNDIALLLKLPVDGHCALESKYVKTCLPDGSFSPSGSECHISGWG
 VTETGKGSRQLLDAKVLIANTLCNSRQLYDHMIDDSMICAGNLQKPGQDTCQGDS
 GGPLTCEKDGTYVYVYVIVSWGLECGKRPVYTVTKFLNWIKATIKSESGF

Storage

Aliquot and store at -20 centigrade to -80 centigrade for up to 6 months. Avoid freeze thaw cycles.

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](#)

mRNA Refseq

[NM_001177660](#)

Protein Refseq

[NP_001171131](#)

MIM

[603924](#)

UniProt ID

[Q14520](#)

Chromosome

10q25.3

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Location**Function**

glycosaminoglycan binding; peptidase activity; serine-type endopeptidase activity;

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