

Recombinant Human HABP2

Cat. No. HABP2-28753TH **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant fragment corresponding to amino acids 105-204 of Human HABP2 with an N terminal proprietary tag; Predicted MWt 36.63 kDa.
Species	Human
Source	Wheat Germ
ProteinLength	100 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. Two transcript variants encoding different isoforms have been found for this gene.
Molecular Weight	36.630kDa inclusive of tags
Tissue specificity	Ubiquitously expressed.
Form	Liquid
Purity	Proprietary Purification

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Storage buffer	pH: 8.00Constituents:0.3% Glutathione, 0.79% Tris HCl
Storage	Shipped on dry ice. Upon delivery aliquot and store at -80oC. Avoid freeze / thaw cycles.
Sequences of amino acids	GNKCQKVQNTCKDNPCGRGQCLITQSPYYRCVCKHPYTGPPSCSQVVPVCRPNPC QNGATCSRHKRRSKFTCACPDQFKGKFCEIGSDDCYVGDGYSYRG
Sequence Similarities	Belongs to the peptidase S1 family.Contains 3 EGF-like domains.Contains 1 kringle domain.Contains 1 peptidase S1 domain.

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;
Gene ID	3026
mRNA Refseq	NM_001177660
Protein Refseq	NP_001171131
MIM	603924
Uniprot ID	Q14520
Chromosome Location	10q25.3

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Function

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

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