

Recombinant Human HABP2 protein, His-tagged

Cat. No. HABP2-7850H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human HABP2 aa. (Phe24~Phe560) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Phe24~Phe560
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	Freeze-dried powder
Molecular Mass	70kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)

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Purity	>92%
Characteristic	The isoelectric point is 6.0.
Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200µg/mL
Storage Buffer	100mM NaHCO ₃ , 500mM NaCl, pH8.3, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 100mM NaHCO ₃ , 500mM NaCl (pH8.3) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	HABP2 hyaluronan binding protein 2 [Homo sapiens (human)]
Official Symbol	HABP2
Synonyms	Plcd1; phospholipase C, delta 1; C79986; AW212592; 1-phosphatidylinositol 4,5-

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bisphosphate phosphodiesterase delta-1; PLC-delta 1; phosphoinositide phospholipase C-delta-1; phospholipase C delta 1 Lf

Gene ID	3026
mRNA Refseq	NM_001177660.2
Protein Refseq	NP_001171131.1
UniProt ID	Q14520

SDS-PAGE

