Datasheet for ABIN7319410

HABP2 Protein (His tag)

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Overview

Quantity:	50 µg
Target:	HABP2
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This HABP2 protein is labelled with His tag.

Product Details

Purpose:	Recombinant Human HABP2 Protein (His Tag)
Sequence:	Met1-Gln279
Characteristics:	Recombinant Human Hyaluronan-binding Protein 2 is produced by our Mammalian expression system and the target gene encoding Met1-Gln279 is expressed with a 6His tag at the C-terminus.
Purity:	> 90 % as determined by SDS-PAGE
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

Target Details

Target:	HABP2
Alternative Name:	HABP2 (HABP2 Products)
Background:	Background: Hyaluronan-binding protein 2(HABP2) is an extracellular serine protease which binds hyaluronic acid. It secreted as an inactive single-chain precursor and is then activated to

Target Details

	a heterodimeric form, which consists of a 50 kDa heavy and a 27 kDa light chain linked by a disulfide bond. HABP2 is involved in cell adhesion, it can cleave the alpha-chain at multiple sites and the beta-chain between 'Lys-53' and 'Lys-54' , but not the gamma-chain of fibrinogen. As a result of this, it does not initiate the formation of the fibrin clot and does not cause the fibrinolysis directly. It does not cleave prothrombin and plasminogen but converts the inactive single chain urinary plasminogen activator to the active two chain form, activates coagulation factor VII. Synonym: Hyaluronan-binding protein 2, Factor VII-activating protease, Factor seven-activating protease, Hepatocyte growth factor activator-like protein, Plasma hyaluronan-binding protein
Molecular Weight:	36.2 kDa
UniProt:	Q14520

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4 .
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.