

Product datasheet for **TP727188**

HABP2 Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant Human Hyaluronan-Binding Protein 2/HABP2 (C-6His)
Species:	Human
Expression cDNA Clone or AA Sequence:	Met1-Gln279
Tag:	C-His
Buffer:	Lyophilized from a 0.2 um filtered solution of PBS, pH 7.4.
Note:	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.
Storage:	Lyophilized protein should be stored at < -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 4-7°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.
Stability:	12 months from date of despatch
Locus ID:	3026
UniProt ID:	Q14520
Synonyms:	Hyaluronan-binding protein 2; Factor VII-activating protease; Factor seven-activating protease; Hepatocyte growth factor activator-like protein; Plasma hyaluronan-binding protein
Summary:	Hyaluronan-binding protein 2 (HABP2) is an extracellular serine protease which binds hyaluronic acid. It is secreted as an inactive single-chain precursor and is then activated to 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.
Protein Families:	Druggable Genome, Protease, Secreted Protein



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