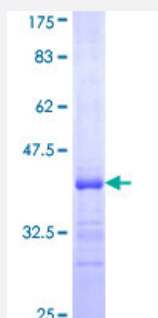


# HABP2 (Human) Recombinant Protein (Q01)

Catalog # H00003026-Q01

Size 25 ug, 10 ug

## Applications



## Specification

|                                |                                                                                                           |
|--------------------------------|-----------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>     | Human HABP2 partial ORF ( NP_004123, 105 a.a. - 204 a.a.) recombinant protein with GST-tag at N-terminal. |
| <b>Sequence</b>                | GNKCQKVQNTCKDNPCGRGQCLITQSPPYRCVCKHPYTGPPSCSQVVPVCRPNPCQNGATCSR<br>HKRRSKFTACPDQFKGKFCEIGSDDCYVGDGYSYRG   |
| <b>Host</b>                    | Wheat Germ (in vitro)                                                                                     |
| <b>Theoretical MW (kDa)</b>    | 36.74                                                                                                     |
| <b>Preparation Method</b>      | <a href="#">in vitro wheat germ expression system</a>                                                     |
| <b>Purification</b>            | Glutathione Sepharose 4 Fast Flow                                                                         |
| <b>Quality Control Testing</b> | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                               |
| <b>Storage Buffer</b>          | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                  |
| <b>Storage Instruction</b>     | Store at -80°C. Aliquot to avoid repeated freezing and thawing.                                           |
| <b>Note</b>                    | Best use within three months from the date of receipt of this protein.                                    |

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — HABP2

Entrez GeneID [3026](#)

GeneBank Accession# [NM\\_004132](#)

Protein Accession# [NP\\_004123](#)

Gene Name HABP2

Gene Alias FSAP, HABP, HGFAL, PHBP

Gene Description hyaluronan binding protein 2

Omim ID [188050 603924](#)

Gene Ontology [Hyperlink](#)

**Gene Summary** 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. [provided by RefSeq]

**Other Designations** OTTHUMP00000020505|factor VII activating protein|hepatocyte growth factor activator-like protein|hyaluronic acid binding protein 2|plasma hyaluronan binding protein

## Disease

- [Acute Disease](#)
- [Alzheimer Disease](#)
- [Arterial Occlusive Diseases](#)

- [Atherosclerosis](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Hemorrhagic Disorders](#)
- [Hepatitis C](#)
- [Liver Cirrhosis](#)
- [Thromboembolism](#)
- [Thrombophilia](#)
- [Venous Thrombosis](#)