

## Coagulation Factor II (F2) Recombinant Protein | F2 recombinant protein

Recombinant Coagulation Factor II (F2)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA153392</b> | HOST<br><b>E coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

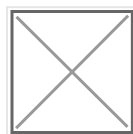
### PRODUCT SYNONYMS

Coagulation Factor II (F2); Recombinant Coagulation Factor II (F2); Coagulation Factor II; F2 recombinant protein (prokaryotic); Bovine; FII; TM; PT; Thrombin; Prothrombin; Pro-Thrombin; Activation peptide fragment 1; Activation peptide fragment 2; F2 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                    |                                                                                                              |
|----------------------------------------------------|--------------------------------------------------------------------------------------------------------------|
| Host                                               | E coli                                                                                                       |
| Purity/Purification                                | Greater than 90% by SDS-PAGE                                                                                 |
| Form/Format                                        | PBS, pH7.4, containing 0.01% SKL, 5% Trehalose.<br>Freeze-dried powder                                       |
| Sequence Positions                                 | Ala44~Arg199                                                                                                 |
| Applicable Applications for F2 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                     |
| Expression System                                  | Prokaryotic expression                                                                                       |
| Species                                            | Bovine                                                                                                       |
| Tag                                                | N-terminal His                                                                                               |
| Endotoxin Level                                    | <1.0EU per 1ug (determined by the LAL method)                                                                |
| Isoelectric Point                                  | 4.9                                                                                                          |
| Subcellular Location                               | Secreted                                                                                                     |
| Research Area                                      | Signal transduction                                                                                          |
| Preparation and Storage                            | Store at 2-8 degree C for one month, -80 degree C for 12 months<br>Stable for 12 months if correctly stored. |

### IMAGES



Amino Acid Info


SDS-PAGE  
Figure. SDS-PAGE

### ADDITIONAL INFORMATION

|                                                      |                      |
|------------------------------------------------------|----------------------|
| Product Categories/Family for F2 recombinant protein | Prokaryotic proteins |
|------------------------------------------------------|----------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                 |
|----------------------------------|---------------------------------|
| NCBI GI #                        | 27806947                        |
| NCBI GeneID                      | 280685                          |
| NCBI Accession #                 | NP_776302.1                     |
| NCBI GenBank Nucleotide #        | NM_173877.1                     |
| UniProt Accession #              | P00735; Q3MHK7                  |
| Molecular Weight                 | 36700                           |
| NCBI Official Full Name          | prothrombin                     |
| NCBI Official Synonym Full Names | coagulation factor II, thrombin |
| NCBI Official Symbol             | F2                              |
| NCBI Protein Information         | prothrombin                     |
| UniProt Protein Name             | Prothrombin                     |
| UniProt Gene Name                | F2                              |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/f2-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/153392>