

## Cluster Of Differentiation 36 (CD36) Recombinant Protein | CD36 recombinant protein

Recombinant Cluster Of Differentiation 36 (CD36)

|                               |                       |                                               |
|-------------------------------|-----------------------|-----------------------------------------------|
| CATALOG #<br><b>AAA152159</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|-----------------------------------------------|

### PRODUCT SYNONYMS

Cluster Of Differentiation 36 (CD36); Recombinant Cluster Of Differentiation 36 (CD36); CD36/Cluster Of Differentiation 36; GP4; FAT; GP3B; GPIV; PASIV; SCARB3; GP88; GpIIb; Glycoprotein IIb; Collagen Type I Receptor; Thrombospondin Receptor; Fatty acid translocase; Platelet collagen receptor; CD36 recombinant protein

### PRODUCT SPECIFICATIONS

|                                                      |                                                                                                                         |
|------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Host                                                 | E Coli                                                                                                                  |
| Purity/Purification                                  | Greater than 97% by SDS-PAGE                                                                                            |
| Form/Format                                          | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300. Freeze-dried powder |
| Sequence                                             | Gly30~Asn4 39                                                                                                           |
| Applicable Applications for CD36 recombinant protein | WB (Western Blot), SDS-PAGE, Immunogen, Positive Control                                                                |
| Expression System                                    | Prokaryotic expression                                                                                                  |
| Species                                              | Human                                                                                                                   |
| Isoelectric Point                                    | 7.7                                                                                                                     |
| Tag                                                  | N-terminal His Tag                                                                                                      |
| Endotoxin Level                                      | <1.0EU per 1ug (determined by the LAL method)                                                                           |
| Reconstitution                                       | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.                        |
| Subcellular Location                                 | Secreted                                                                                                                |
| 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.            |



ADDITIONAL INFORMATION

|                                                        |                                                             |
|--------------------------------------------------------|-------------------------------------------------------------|
| Product Categories/Family for CD36 recombinant protein | CD & Adhesion molecule; Prokaryotic Recombinant proteins/RP |
|--------------------------------------------------------|-------------------------------------------------------------|

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                               |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 115982                                                                                                                                                                                                                                                        |
| NCBI GeneID                      | 948                                                                                                                                                                                                                                                           |
| UniProt Accession #              | P16671; Q13966; Q16093; Q8TCV7; Q9BPZ8; Q9BQC2; Q9BZM8; Q9BZN3; D9IX66; D9IX67; D9IX68; D9IX69                                                                                                                                                                |
| Molecular Weight                 | 472                                                                                                                                                                                                                                                           |
| NCBI Official Full Name          | Platelet glycoprotein 4                                                                                                                                                                                                                                       |
| NCBI Official Synonym Full Names | CD36 molecule (thrombospondin receptor)                                                                                                                                                                                                                       |
| NCBI Official Symbol             | CD36                                                                                                                                                                                                                                                          |
| NCBI Official Synonym Symbols    | FAT; GP4; GP3B; GPIV; CHDS7; PASIV; SCARB3; BDPLT10                                                                                                                                                                                                           |
| NCBI Protein Information         | platelet glycoprotein 4; GPIIIB; PAS IV; PAS-4 protein; glycoprotein IIb; cluster determinant 36; fatty acid translocase; platelet glycoprotein IV; scavenger receptor class B, member 3; leukocyte differentiation antigen CD36; CD36 antigen (collagen type |
| UniProt Protein Name             | Platelet glycoprotein 4                                                                                                                                                                                                                                       |
| UniProt Gene Name                | CD36                                                                                                                                                                                                                                                          |
| UniProt Synonym Gene Names       | GP3B; GP4; FAT; GPIIIB; GPIV                                                                                                                                                                                                                                  |
| UniProt Entry Name               | CD36_HUMAN                                                                                                                                                                                                                                                    |

**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.