

# Recombinant Human CD36 protein, His-GST-tagged

**Cat. No.** CD36-1282H    **Lot. No.** (See product label)

## SPECIFICATION

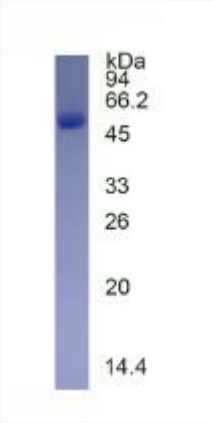
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|-------------------------|---------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CD36 protein(Gly30~Asn439), fused with N-terminal His and GST Tag, was expressed in E.coli. |
| <b>Species</b>          | Human                                                                                                         |
| <b>Source</b>           | E.coli                                                                                                        |
| <b>ProteinLength</b>    | Gly30~Asn439                                                                                                  |
| <b>Form</b>             | 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.           |
| <b>Molecular Mass</b>   | 50kDa                                                                                                         |
| <b>Endotoxin</b>        | <1.0EU per 1g (determined by the LAL method)                                                                  |
| <b>Purity</b>           | > 97%                                                                                                         |
| <b>Storage</b>          | Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.    |
| <b>Reconstitution</b>   | Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.             |

## GENE INFORMATION

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|                        |                                                                                                                                                                                                                                                                                                                                                                                                          |
|------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CD36 CD36 molecule (thrombospondin receptor) [ Homo sapiens ]                                                                                                                                                                                                                                                                                                                                            |
| <b>Official Symbol</b> | CD36                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Synonyms</b>        | CD36; CD36 molecule (thrombospondin receptor); CD36 antigen (collagen type I receptor, thrombospondin receptor); platelet glycoprotein 4; FAT; GP3B; GP4; GPIV; SCARB3; GPIIIB; PAS IV; PAS-4 protein; glycoprotein IIIb; cluster determinant 36; fatty acid translocase; platelet glycoprotein IV; scavenger receptor class B, member 3; leukocyte differentiation antigen CD36; CHDS7; PASIV; BDPLT10; |
| <b>Gene ID</b>         | 948                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_000072                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Protein Refseq</b>  | NP_000063                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>MIM</b>             | 173510                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>UniProt ID</b>      | P16671                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>SDS-PAGE</b>        |                                                                                                                                                                                                                                                                                                                      |

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