

# Recombinant human CD36-ECD

Catalog C007

Lot 004

product specification sheet: PS-C007

U-Protein  
Express BV

Life Sciences Incubator  
Yalelaan 62  
3584 CM Utrecht  
The Netherlands

## Product description

Reference sequences:	NM_001001547 NP_001001547 Swiss-prot P16671
Alternative names:	platelet glycoprotein 4 cluster determinant 36 fatty acid translocase scavenger receptor class B, member 3 CD36 antigen (collagen type I receptor, thrombospondin receptor) glycoprotein IIIB platelet glycoprotein IV leukocyte differentiation antigen CD36 PAS-4 protein GPIIIB PAS IV SCARB3
Gene ID:	948

Residues 30-439 of human CD36 were cloned, the protein was over-expressed in HEK293EBNA1 cells and was purified to homogeneity (figure 1). The calculated molecular weight of monomeric recombinant human CD36-ECD is 52.4 kDa (including purification tag). The protein contains a N-terminal (Strep - TEV) tag. Each vial contains 100 µg CD36-ECD at a concentration of 0.28 mg/ml.

## Storage and stability

CD36-ECD should be stored at - 80 °C (stable for at least 1 year). The buffer contains PBS without preservative. After thawing it should be stored in appropriate small aliquots at - 20 °C or - 80 °C (stable for at least 2 months).

## Sequence

mrpwtwvlllllllcapysyag**swshpqf**ekg**swshpqf**ekg**swshpqf**ekg**sdypssenyf**qgsgdlliqtikkqvvlleegtiafknwvktgtevyr  
qfwifdvqnpqevmmnssniqvkqrgpytyrvflakenvtqdaedntvsflqpngaifepslsvgteadnftvlnlavaaashiyqnqfvqmllnslink  
skssmfqvtllrellwgryrdpflslvpypvtvtgflfypynntadgvykvfngkdniskvaiidtykgkrlnsyweshcdmingtdaasfppfveksqvlqffs  
sdicrsiyavfesdvnlgipvyrvflpskafaspvendpnyfcctekiisknctsygvlidiskckegrpvyslphflyaspdvsepidglpnneehrtyldie  
pitgftlqfakrlqvnllvpksekiqvlknlnrnyvipilwnetgtigdekanmfrsqvtgkinaaa\*  
purification tag in red.

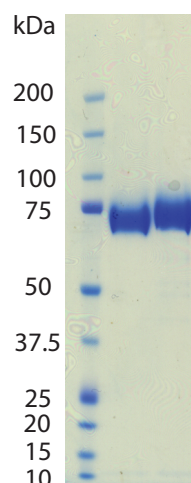


Figure 1. NuPage analysis of purified CD36-ECD

## PRODUCT USE LIMITATIONS, WARRANTY, DISCLAIMER

U-Protein Express BV products contain chemicals which may be harmful if misused. Due care should be exercised with all U-Protein Express BV products to prevent direct human contact. All products are intended For Research Use Only and ARE NOT ALLOWED FOR USE IN HUMANS. Each U-Protein Express BV product is shipped with documentation stating specifications and other technical information. U-Protein Express BV products are warranted to meet or exceed the stated specifications. U-Protein Express BV's sole obligation and the customer's sole remedy is limited to replacement of products free of charge in the event products fail to perform as warranted. U-Protein Express BV makes no other warranty of any kind whatsoever, and SPECIFICALLY DISCLAIMS AND EXCLUDES ALL OTHER WARRANTIES OF ANY KIND OR NATURE WHATSOEVER, DIRECTLY OR INDIRECTLY, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, AS TO THE SUITABILITY, PRODUCTIVITY, DURABILITY, FITNESS FOR A PARTICULAR PURPOSE OR USE, MERCHANTABILITY, CONDITION, OR ANY OTHER MATTER WITH RESPECT TO U-Protein Express BV PRODUCTS. In no event shall U-Protein Express BV be liable for claims for any other damages, whether direct, incidental, foreseeable, consequential, or special (including but not limited to loss of use, revenue or profit), whether based upon warranty, contract, tort (including negligence) or strict liability arising in connection with the sale or the failure of U-Protein Express BV products to perform in accordance with the stated specifications.

Version 11/2018

page 1