



Recombinant Human CD36 Protein Product Manual

1. Product Basic Information

Product No.: REP06377

Protein Name: Pas-4 Protein (CD36)

Aliases: FAT; GP4; GP3B; GPIV; CHDS7; PASIV; GPIIB; PAS IV; SCARB3; BDPLT10; PAS-4 protein; glycoprotein IIIb; cluster determinant 36; fatty acid translocase; platelet glycoprotein platelet glycoprotein IV; C...

UniProt ID: P16671

UniProt Link: <https://www.uniprot.org/uniprotkb/P16671/entry>

Species Source: Homo sapiens (Human)

Expression System: Mammalian cell

Protein Length: Full Length (1-472aa)

Molecular Weight: 79.9 kDa

Protein Tag: C-terminal EGFP-tagged

2. Amino Acid Sequence (1-472aa)

MGCDRNCGLIAGAVIGAVLAVFGGILMPVGDLLIQKTIKKQVLEEETIAFKNWVKTG
TEVYRQFWIFDVQNPQEVMMNSSNIQVKQRGPYTYRVRFLAKENVTQDAEDNTVS
FLQPNGAIFEPSLSVGTEADNFTVLNLAVAAASHIYQNQFVQMILNSLINKSKSSMFQ
VRTLRELLWGYRDPFLSLVPYPVTTTTVGLFYYPYNTADGVYKVFNGKDNISKVAIIDT
YKGKRNL SYWESHCDMINGTDAASFPPFVEKSQVLQFFSSDICRSIYAVFESDVNLK
GIPVYRFVLPKAFASPVENPDNYCFCTEKIISKNCTSYGVLDISKCKEGRPVYISLP
HFLYASPDVSEPIDGLNPNEEEHRTYLDIEPITGFTLQFAKRLQVNLLVKPSEKIQVLK
NLKRNYIVPILWLN ETGTIGDEKANMFRSQVTGKINLLGLIEMILLSVGVMFVAFMIS
YCACRSKTIK

3. Storage Buffer

Liquid Delivery Form: Tris/PBS-based buffer with 5%-50% glycerol. Custom glycerol content is available upon customer request (please specify requirements when placing orders).

Lyophilized Powder Delivery Form: Pre-lyophilization: Lyophilized from a 0.2 µm

4. Storage Conditions

Upon receipt, store the product at -20°C or -80°C. It is recommended to aliquot the protein for multiple uses to avoid repeated freeze-thaw cycles, which may cause protein denaturation and activity loss.

5. Product Description

This product is a recombinant Human CD36 full length protein (1-472aa) expressed in Mammalian cell. The protein is with EGFP tag at the C-terminus, which facilitates protein purification, detection and identification. CD36, also known as FAT or GP4 or GP3B, is suitable for related in vitro functional assays, protein interaction studies, antibody preparation and other biomedical research applications.

6. Notes

- Repeated freezing and thawing of the product is strictly prohibited to ensure protein stability and biological activity.
- For special buffer component requirements, please submit a note when purchasing.
- This product is only for scientific research use, not for clinical diagnosis, treatment or commercial production purposes.