Platelet Glycoprotein 4 Human HEK293

Product Data Sheet

Type: Recombinant
Source: HEK293
Species: Human
Other names: Fatty acid translocase; FAT; Glycoprotein IIIb; GPIIIB; Leukocyte differentiation antigen CD36; PAS IV; PAS-4; Platelet collagen receptor; Platelet glycoprotein IV; GPIV; Thrombospondin receptor; CD_antigen; CD36

Cat. No.:
RD172166050 (0.05 mg)

Description

Total 424 AA. MW: 48.4 kDa (calculated). UniProtKB acc. No. P16671 (Gly30-Asn439). N-terminal linker (2 extra AA), C-terminal linker (2 extra AA) and C-terminal His-tag (10 extra AA). Protein identity confirmed by LC-MS/MS.

Amino Acid Sequence

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ASGDLLIQKT IKKQVVLEEG TIAFKNWVKT GTEVYRQFWI FDVQNPQEVM MNSSNIQVKQ RGPYTYRVRF LAKENVTQDA
EDNTVSFLQP NGAIFEPSLS VGTEADNFTV LNLAVAAASH IYQNQFVQMI LNSLINKSKS SMFQVRTLRE LLWGYRDPFL
SLVPYPVTTT VGLFYPYNNT ADGVYKVFNG KDNISKVAII DTYKGKRNLS YWESHCDMIN GTDAASFPPF VEKSQVLQFF
SSDICRSIYA VFESDVNLKG IPVYRFVLPS KAFASPVENP DNYCFCTEKI ISKNCTSYGV LDISKCKEGR PVYISLPHFL
YASPDVSEPI DGLNPNEEEH RTYLDIEPIT GFTLQFAKRL QVNLLVKPSE KIQVLKNLKR NYIVPILWLN ETGTIGDEKA
NMFRSQVTGK INKLHHHHHH HHHH
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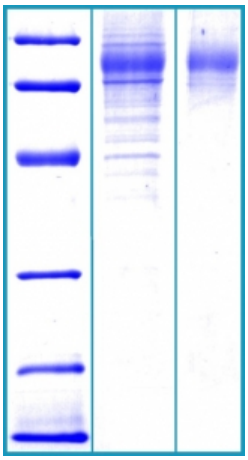
Source

HEK293

Purity

Purity as determined by densitometric image analysis: >90%

SDS-PAGE gel



12 % SDS-PAGE separation of Human Platelet Glycoprotein 4:

1. MW marker - 14, 21, 31, 45, 66, 97 kDa

2. Reduced and boiled sample, 2.5 µg/lane

3. Non-reduced and non-boiled sample, 2.5 µg/lane

Endotoxin

< 1.0 EU/ug

Formulation

0.3 - 0.5 mg/ml in PBS, pH = 7.4, 5 % trehalose - filtered (0.4 µm), frozen

Reconstitution

Defrost at ambient temperature. Filter sterilize your culture media/working solutions containing this non-sterile product before using in cell culture.

Shipping

On ice. Upon receipt, store the product at the temperature recommended below.

Storage, Stability/Shelf Life

Store protein at -80°C. Protein remains stable until the expiry date when stored at -80°C. Avoid repeated freezing/thawing cycles. The thawed protein can be stored at 4 °C for four days.

Quality Control Test

BCA to determine quantity of the protein.
SDS-PAGE to determine purity of the protein.
LAL TEST to determine endotoxin level.

Applications

ELISA, Western blotting

Note

This product is intended for research use only.

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