

Proteoliposomes

Full-Length

ITGA6 (Human) Recombinant Protein

Catalog # H00003655-G01

Size 2 ug

Specification

Product Description

Human ITGA6 full-length ORF (NP_000201.2) recombinant protein without tag.
This product is belong to Proteoliposome (PL).

Sequence

MAAAGQLCLLYLSAGLLSRLGAAFNLDTREDNVIRKYGDPSLFGFSLAMHWQLQPEDKRLLLV
GAPRAEALPLQRANRTGGLYSCDITARGPCTRIEFDNDADPTSESKEDQWMGVTVQSQGPGGK
VVTCAHRYEKRQHVNTKQESRDIFGRCYVLSQNLRIEDDMDGGDWSFCDGRLRGHEKFGSCQQ
GVAATFTKDFHYVFGAPGTYNWKGMRVEQKNNTFFDMNIFEDGPYEVGGETEHDES LVPVPAN
SYLGFSLDSGKGMVSKDEITFVSGAPRANHSGAVVLLKRD MKSAHLLPEHIFDGEGLASSFGYDV
AVVDLNKDGWQDIVGAPQYFDRDGEVGGAVVYMNQQGRWNNVKPIRLNGTKDSMFGIAVKNI
GINQDGYPDIAVGAPYDDL GKVFIMHGSANGINTKPTQVLKGISPYFGYSIAGNMDLDRNSYDVA
VGSLSDSVTIFRSRPVINIQTITVTPNRIDLRQKTACGAPSGICLQVKSCFEYTANPAGYNPSISIVG
TL EAEKERRKSGLSSRVQFRNQGSEPKYTQELTLKRQKQKVCMEETLWLQDNIRD KLRPIPI
TASVEIQEPSSRRRVNSLP EVLPIILNSDEPKTAHIDVHFLKEGCGDDNVCNSNLKLEYKFC
TREGNQDKFSYLPIQKGVPELV LKDQKDIALEITVTNSPSNPRNPTKDGD DAHEAKLIATF
PDTLTYSAYRELRAFPEKQLSCVANQNGSQADCELG NPFKRNSNVTFYLVLSSTTEVTFDTPD
LDINLKLETTSNQDNLAPITAKAKVVI ELLLSVSGVAKPSQVYFGGTVVGEQAMKSEDEV
GSLIEYEFRVINLGKPLTNLGTATLNIQWPKEISNGKWLLYLVKVESKGLEKVTCEPQKEIN
SLNLTESHNSRKKREITEKQIDDNRKFSLFAERKYQTLNCSVNVNCVNIRCPLRGLDSKAS
LILRSRLWNSTFLEEYSKLNLDILMRAFDV TAAAENIRLPNAGTQVRVTVPFSKTVAQYSG
VPWWIILVAILAGILMLALLVFILWKCGFFKR NKKDHYDATYH KAEIHAQPSDKERLTSDA

Host Wheat Germ (in vitro)

Theoretical MW (kDa) 119.5

Form Liquid

Preparation Method [in vitro wheat germ expression system with proprietary liposome technology](#)

Purification None

Recommend Usage Heating may cause protein aggregation. Please do not heat this product before electrophoresis.

Storage Buffer 25 mM Tris-HCl of pH8.0 containing 2% glycerol.

Storage Instruction Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Note Best use within three months from the date of receipt of this protein.

Applications

- Antibody Production

Gene Info — ITGA6

Entrez GeneID [3655](#)

GeneBank Accession# [NM_000210.2](#)

Protein Accession# [NP_000201.2](#)

Gene Name ITGA6

Gene Alias CD49f, DKFZp686J01244, FLJ18737, ITGA6B, VLA-6

Gene Description integrin, alpha 6

Omim ID [147556](#) [226730](#)

Gene Ontology [Hyperlink](#)

Gene Summary The ITGA6 protein product is the integrin alpha chain alpha 6. Integrins are integral cell-surface proteins composed of an alpha chain and a beta chain. A given chain may combine with multiple partners resulting in different integrins. For example, alpha 6 may combine with beta 4 in the integrin referred to as TSP180, or with beta 1 in the integrin VLA-6. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]

Other Designations integrin alpha chain, alpha 6|integrin alpha6B

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Hematopoietic cell lineage](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)

- [Pathways in cancer](#)
- [Regulation of actin cytoskeleton](#)
- [Small cell lung cancer](#)

Disease

- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Coronary Artery Disease](#)
- [Disease Susceptibility](#)
- [Genetic Predisposition to Disease](#)
- [Ovarian Neoplasms](#)
- [Prostatic Neoplasms](#)