

Recombinant Human ITGB3 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. ITGB3-4733H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	ITGB3 MS Standard C13 and N15-labeled recombinant protein (NP_000203) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	The ITGB3 protein product is the integrin beta chain beta 3. 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. Integrin beta 3 is found along with the alpha IIb chain in platelets. Integrins are known to participate in cell adhesion as well as cell-surface mediated signalling.
Molecular Mass	87.06 kDa
AA Sequence	MRARPRPRPLWATVLALGALAGVGVGPNICTTRGVSSCQQCLAVSPMCAWCSDE ALPLGSPRCDLKENLLKDNCAPESEIEFPVSEARVLEDRPLSDKGSGDSSQVTQVSP QRIALRLRPDDSKNFSIQVRQVEDYPVDIYYLMDLSYSMKDDLWSIQNLGTKLATQM RKLTSLNLRIGFGAFVDKPVSPYMYISPPEALENPCYDMKTTCLPMFGYKHVLTLTQDQ VTRFNEEVKKQSVSRNRDAPEGGFDAIMQATVCDEKIGWRNDASHLLVFTTDAKTHI ALDGRLAGIVQPNDGQCHVGSDNHYSASTTMDYPSLGLMTEKLSQKNINLIFAVTEN VVNLYQNYSELIPGTTVGVLSDSSNVLQLIVDAYGKIRSKVELEVRDLPEELSLSFN ATCLNNEVIPGLKSCMGLKIGDTVFSFSIEAKVRGCPQEKEKSFTIKPVGFKDSLIVQVT

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FDCDCACQAQAEPNSHRCNNGNGTFECGVCRCGPGWLGSQCECSEEDYRPSQQ
 DECSREGQPVCSQRGECLCGQCVCHSSDFGKITGKYCECDDFSCVRYKGEMCS
 GHGQCSCGDCLCDSWTGYCNCCTTRTDTCMSSNGLLCSGRGKCECGSCVCIQP
 GSYGDTCEKCPTCPDACTFKKECVECKKFDRGALHDENTCNRYCRDEIESVKELKD
 TGKDAVNCTYKNEDDCVVRFYEDSSGKSILYVVEEPEC PKGPDILVLLSVMGAI
 LLIGLAALLIWKLLITIHDRKEFAKFEEERARAKWDTANNPLYKEATSTFTNITYRGTS
 GPTRTRRLEQKLISEEDLAANDILDYKDDDDKV

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Stability Stable for 3 months from receipt of products under proper storage and handling conditions.

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name [ITGB3 integrin subunit beta 3 \[Homo sapiens \(human\) \]](#)

Official Symbol [ITGB3](#)

Synonyms ITGB3; integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61); GP3A; integrin beta-3; CD61; GPIIIa; platelet glycoprotein IIIa; platelet membrane glycoprotein IIIa; GT; BDPLT2;

Gene ID [3690](#)

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mRNA Refseq [NM_000212](#)

Protein Refseq [NP_000203](#)

MIM [173470](#)

UniProt ID [P05106](#)

SDS-PAGE



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