

Recombinant Human ITGB3 protein, His-tagged

Cat. No. ITGB3-6740H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGB3 aa. (Asp135~Ile377) fused with N-terminal His tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Asp135~Ile377
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.
Form	Freeze-dried powder
Molecular Mass	34kDa as determined by SDS-PAGE reducing conditions.
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>98%
Characteristic	The isoelectric point is 5.3.

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Applications	SDS-PAGE; WB; ELISA; IP; CoIP; Purification; Amine Reactive Labeling.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Concentration	200ug/mL
Storage buffer	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% Trehalose and Proclin300.
Reconstitution	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0mg/mL. Do not vortex.

GENE INFORMATION

Gene Name	ITGB3 integrin subunit beta 3 [Homo sapiens (human)]
Official Symbol	ITGB3
Synonyms	GT; CD61; GP3A; BDPLT2; GPIIIa; BDPLT16; antigen CD61; integrin beta 3; integrin, beta 3 (platelet glycoprotein IIIa, antigen CD61); platelet membrane glycoprotein IIIa; integrin beta-3
Gene ID	3690
mRNA Refseq	NM_000212.2

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Protein Refseq NP_000203.2

UniProt ID P05106

SDS-PAGE



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