

Recombinant Human ITGA2B Protein, MYC/DDK-tagged

Cat. No. ITGA2B-2615H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGA2B protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	This gene encodes a member of the integrin alpha chain family of proteins. The encoded preprotein is proteolytically processed to generate light and heavy chains that associate through disulfide linkages to form a subunit of the alpha-IIb/beta-3 integrin cell adhesion receptor. This receptor plays a crucial role in the blood coagulation system, by mediating platelet aggregation. Mutations in this gene are associated with platelet-type bleeding disorders, which are characterized by a failure of platelet aggregation, including Glanzmann thrombasthenia.
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	110 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	ITGA2B integrin, alpha 2b (platelet glycoprotein IIb of IIb/IIIa complex, antigen CD41) [Homo sapiens]
Official Symbol	ITGA2B
Synonyms	BDPLT16; BDPLT2; CD41; CD41B; GP2B; GPIIb; GT; GTA; HPA3; PPP1R93
Gene ID	3674
mRNA Refseq	NM_000419
Protein Refseq	NP_000410
MIM	607759
UniProt ID	P08514

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