Recombinant Human Integrin beta-5 protein, His-tagged

Cat. No. ITGB5-3312H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGB5 protein(24-126 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	24-126 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	GLNICTSGSATSCEECLLIHPKCAWCSKEDFGSPRSITSRCDLRANLVKNGCGGEIE SPASSFHVLRSLPLSSKGSGSAGWDVIQMTPQEIAVNLRPGDKTTF
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 ɡ/μl in 200 μl sterile water for short-term storage. Reconstitution with 200 μl 50% glycerol solution is recommended for longer term

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	storage.

GENE INFORMATION

Gene Name	ITGB5 integrin, beta 5 [Homo sapiens]
Official Symbol	ITGB5
Synonyms	ITGB5; integrin, beta 5; integrin beta-5; FLJ26658;
Gene ID	3693
mRNA Refseq	NM_002213
Protein Refseq	NP_002204
MIM	147561
UniProt ID	P18084

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