

Recombinant Human ITGA5 protein, His-tagged

Cat. No. ITGA5-2935H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGA5 protein(874-995 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	874-995 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	PINPKGLELDPEGSLHHQKREAPSRSSASSGPQILKCPEAECFRLRCELGPLHQQ ESQSLQLHFRVWAKTFLQREHQPFSLQCEAVYKALKMPYRILPRQLPQKERQVATA VQWTKAEGSY
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 g/μl in 200 μl sterile water for short-term storage.

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Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [ITGA5 integrin, alpha 5 \(fibronectin receptor, alpha polypeptide\) \[Homo sapiens \]](#)

Official Symbol [ITGA5](#)

Synonyms ITGA5; integrin, alpha 5 (fibronectin receptor, alpha polypeptide); FNRA; integrin alpha-5; CD49e; VLA-5; integrin alpha-F; CD49 antigen-like family member E; fibronectin receptor subunit alpha; fibronectin receptor, alpha subunit; very late activation protein 5, alpha subunit; VLA5A;

Gene ID [3678](#)

mRNA Refseq [NM_002205](#)

Protein Refseq [NP_002196](#)

MIM [135620](#)

UniProt ID [P08648](#)

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