

Active Recombinant Human ITGA10&ITGB1

Cat. No. ITGA10&ITGB1-1039H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGA10&ITGB1 (Accession # O75578 (Integrin alpha 10) & P05556 (Integrin beta 1)), fused with , was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
Predicted N Terminal	Phe23 (alpha 10) & Gln21 (beta 1)
Form	Lyophilized from a 0.2 µ filtered solution in PBS.
Bio-activity	Measured by its binding ability in a functional ELISA. When Mouse Laminin I is coated at 10 µg/mL, Recombinant Human Integrin alpha 10 beta 1 binds with an apparent KD <5 nM.
Molecular Mass	Recombinant Human ITGA10&ITGB1 has a calculated MW of 128.8 kDa (alpha 10) & 86.4 kDa (beta 1). In SDS-PAGE migrates as 160-175 kDa & 125-150 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3 months (-70°C).

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GENE INFORMATION

Gene Name	ITGA10 integrin, alpha 10 [Homo sapiens (human)]
Official Symbol	ITGA10
Synonyms	PRO827; integrin alpha-10; integrin alpha-10
Gene ID	8515
mRNA Refseq	NM_001303040.1
Protein Refseq	NP_001289969.1
MIM	
UniProt ID	O75578
Chromosome Location	1q21

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