

Active Recombinant Human ITGA6

Cat. No. ITGA6-609H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGA6 (Accession # NP_000201 (Integrin alpha 6) & P16144 (Integrin beta 4)) was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
Predicted N Terminal	Phe24 (alpha 6) & Asn28 (beta 4)
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 6 beta 4 binds with an apparent KD <5 nM.
Molecular Mass	Recombinant Human ITGA6 has a calculated MW of 104 kDa (alpha 6) & 84.8 kDa (beta 4). In SDS-PAGE migrates as 125-135 kDa (alpha 6) & 100-110 kDa (beta 4), 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	PPP3CA protein phosphatase 3, catalytic subunit, alpha isozyme [Homo sapiens]
Official Symbol	PPP3CA
Synonyms	PPP3CA; protein phosphatase 3, catalytic subunit, alpha isozyme; CALN, CALNA, protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform , protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform (calcineurin A alpha); serine/threonine-protein phosphatase 2B catalytic subunit alpha isoform; calcineurin A alpha; CNA1; PPP2B; protein phosphatase 2B; catalytic subunit; alpha isoform; CAM-PRP catalytic subunit; calmodulin-dependent calcineurin A subunit alpha isoform; protein phosphatase 2B, catalytic subunit, alpha isoform; protein phosphatase 3 (formerly 2B), catalytic subunit, alpha isoform; CALN; CCN1; CALNA; CALNA1;
Gene ID	5530
mRNA Refseq	NM_000944
Protein Refseq	NP_000935
MIM	114105
UniProt ID	Q08209
Chromosome Location	4q24

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