

ITGA1

Recombinant Human CD49a/ITGA1/VLA-1 Protein, N-His Tag

Catalog No.	YHF15801A YHF15801B	Quantity:	100 µg 1.0 mg
Alternate Names:	Integrin alpha-1, CD49 antigen-like family member A, Laminin and collagen receptor, VLA-1, CD49a		
Description:	Integrin alpha-1, also known as CD49a, is a subunit of the receptor for laminin and collagen. It forms a heterodimer with integrin beta 1 to form the $\alpha 1\beta 1$ integrin duplex which recognizes the proline-hydroxylated sequence G-F-P-G-E-R in collagen		
UniProt ID:	P56199		
Source:	E. coli		
Molecular Weight:	24.10 kDa		
Protein Construction:	A DNA sequence encoding human Integrin alpha-1 (Leu171-Thr365) was fused to a N-terminal His tag.		
Formulation:	Lyophilized from PBS pH 7.4, 0.02% NLS, 1mM EDTA, 4% Trehalose, 1% Mannitol		
Purity:	> 90% as determined by SDS-PAGE		
Reconstitution:	Centrifuge vial prior to opening. Add sterile distilled water to a concentration of 0.1-1.0 mg/mL and gently pipette the solution up and down the sides of the vial. DO NOT VORTEX. Allow several minutes for complete reconstitution.		
Storage & Stability:	Store as supplied at -20°C to -80°C for up to 1 year. Upon reconstitution, prepare working aliquots and store at -20°C to -80°C for up to 3 months. Avoid repeated freeze-thaw cycles.		

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