

Recombinant Human ITGA3 Protein, Myc/DDK-tagged

Cat. No. ITGA3-52H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor) (ITGA3), transcript variant b with a C-Myc/DDK tag was expressed in HEK293T.
Species	Human
Source	HEK293
Description	The gene encodes a member of the integrin alpha chain family of proteins. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain that function as cell surface adhesion molecules. The encoded preproprotein is proteolytically processed to generate light and heavy chains that comprise the alpha 3 subunit. This subunit joins with a beta 1 subunit to form an integrin that interacts with extracellular matrix proteins including members of the laminin family. Expression of this gene may be correlated with breast cancer metastasis.
Molecular Mass	115.6 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.

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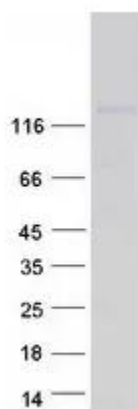
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Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol
GENE INFORMATION	
Gene Name	ITGA3 integrin subunit alpha 3 [Homo sapiens (human)]
Official Symbol	ITGA3
Synonyms	ITGA3; integrin subunit alpha 3; VL3A; CD49C; FRP-2; GAPB3; ILNEB; MSK18; VCA-2; VLA3a; GAP-B3; integrin alpha-3; CD49 antigen-like family member C; alpha 3 subunit of VLA-3 receptor; antigen CD49C; antigen identified by monoclonal antibody J143; galactoprotein B3; integrin alpha 3; integrin, alpha 3 (antigen CD49C, alpha 3 subunit of VLA-3 receptor); testicular tissue protein Li 96; testicular tissue protein Li 98; very late activation protein 3 receptor, alpha-3 subunit
Gene ID	3675
mRNA Refseq	NM_005501
Protein Refseq	NP_005492
MIM	605025
UniProt ID	P26006

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SDS-PAGE

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