

Recombinant human Integrin alpha-V

Catalog No: #AP72630

Package Size: #AP72630-1 20ug #AP72630-2 100ug #AP72630-3 1mg

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Recombinant human Integrin alpha-V
Brief Description	Recombinant Protein
Host Species	Yeast
Purification	Greater than 90% as determined by SDS-PAGE.
Immunogen Description	Expression Region:891-1048aaSequence Info:Partial
Other Names	Vitronectin receptor subunit alpha; CD51
Accession No.	P06756
Uniprot	P06756
GeneID	3685;
Calculated MW	19.7 kDa
Tag Info	N-terminal 6xHis-tagged
Target Sequence	DLALSEGDIHTLGCQVAQCLKIVCQVGRDRGKSAILYVKSLLWTETFMNKENQNHYSYSLKSSASFNVIEFPYK NLPIEDITNSTLVTTNVTWGIQAPMPVPVWVILAVLAGLLLLAVLVFVMYRMGFFKRVPRPPQEEQEREQLQP HENGEGNSET
Formulation	Tris-based buffer50% glycerol
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C,-80°C. The shelf life of lyophilized form is 12 months at -20°C,-80°C.Notes:Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

The alpha-V (ITGAV) integrins are receptors for vitronectin, cytotactin, fibronectin, fibrinogen, laminin, matrix metalloproteinase-2, osteopontin, osteomodulin, prothrombin, thrombospondin and vWF. They recognize the sequence R-G-D in a wide array of ligands. In case of HIV-1 infection, the interaction with Extracellular domain viral Tat protein ses to enhance angiogenesis in Kaposi's sarcoma lesions.

References

Amino acid sequence of the vitronectin receptor alpha subunit and comparative expression of adhesion receptor mRNAs.Suzuki S., Argraves W.S., Arai H., Languino L.R., Pierschbacher M.D., Ruoslahti E.J. Biol. Chem. 262:14080-14085(1987)Research Topic:Cardiovascular

Note: This product is for in vitro research use only