Human ITGA2 Protein, His Tag

Cat. No. PME100706

PRODUCT INFORMATION

Target	ITGA2
Synonyms	Integrin alpha-2;Collagen receptor;GPIa;CD49b
Description	Recombinant human ITGA2 Protein with C-terminal 6×His tag
Delivery	In Stock
Uniprot ID	P17301
Expression Host	HEK293
Tag	C-6×His Tag
Molecular Characterization	ITGA2(Tyr30-Thr1132) 6×His tag
Molecular Weight	The protein has a predicted molecular mass of 121.8 kDa after removal of the signal peptide. The apparent molecular mass of ITGA2-His is approximately 130-250 kDa due to glycosylation.
Purity	The purity of the protein is greater than 85% as determined by SDS-PAGE and Coomassie blue staining.
Formulation & Reconstitution	Lyophilized from sterile PBS, pH 7.4. Normally 5 % – 8% trehalose is added as protectants before lyophilization. Please see Certificate of Analysis for specific instructions of reconstitution.
Storage & Shipping	Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature.
Background	This gene encodes the alpha subunit of a transmembrane receptor for collagens and related proteins. The encoded protein forms a heterodimer with a beta subunit and mediates the adhesion of platelets and other cell types to the extracellular matrix. Loss of the encoded protein is associated with bleeding disorder platelet-type 9. Antibodies against this protein are found in several immune disorders, including neonatal alloimmune thrombocytopenia. This gene is located adjacent to a related alpha subunit gene. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2012]
Usage	Research use only
Conjugate	Unconjugated

Figure 1. Human ITGA2, His Tag on SDS-PAGE under reducing condition.

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