

Recombinant Human ITGA6, flag & His tagged

Cat. No. ITGA6-4115H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human ITGA6 isoform alpha-6X1B (P23229-3) extracellular domain (Met 1-Ser 1011), fused with a flag tag at the C-terminus, constructed the plasmid 1; Human ITGB1 (P05556-1) extracellular domain (Met 1-Asp 728), fused with a polyhistidine tag at the C-termi
Species	Human
Source	Human Cells
ProteinLength	1-1011;1-728 a.a.
Form	Lyophilized from sterile PBS, pH 7.4
Molecular Mass	The recombinant heterodimer of human ITGA6/ITGB1 comprises 1779 (1030 + 749) amino acids and has a calculated molecular mass of 198 (115 + 83) kDa. As a result of glycosylation, the apparent molecular mass of rh ITGA6/ITGB1 heterodimer is approximately 110 & 130 kDa in SDS-PAGE under reducing conditions
Endotoxin	< 1.0 eu per µg of the protein as determined by the LAL method.
Stability	Samples are stable for up to twelve months from date of receipt at -70oC.
Storage	Store it under sterile conditions at -20oC~-70oC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution.
Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name	ITGA6 integrin, alpha 6 [Homo sapiens]
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Official Symbol	ITGA6
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Gene ID	3655
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mRNA Refseq	NM_000210
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Protein Refseq	NP_000201
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MIM	147556
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UniProt ID	P23229
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