

## Human Integrin alpha 5 beta 1 (ITGA5&ITGB1) Heterodimer protein (Recombinant) (C-His-Avi) {Biotin} (STJP001546)

### GENERAL INFORMATION

Product Type	Proteins
Host / Source	HEK293

### PRODUCT PROPERTIES

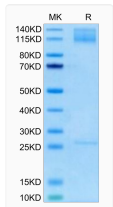
Formulation	Lyophilised from 0.2 $\mu$ m filtered PBS solution pH7.4.
Molecular Weight	Recombinant Human Integrin alpha 5 beta 1 (ITGA5&ITGB1) Heterodimer is a protein consisting of amino acid residues [Phe42-Tyr995 (ITGA5) acidic tail & Gln21-Asp728 (ITGB1) basic tail], The protein has a predicted MW of 111.8 kDa (ITGA5) &83.2 kDa (ITGB1).
Storage Instruction	The lyophilized protein is stable for at least 1 year from date of receipt at-20°C.

### TARGET INFORMATION

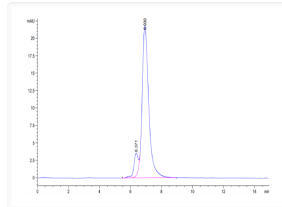
Gene ID	<a href="#">3678</a>
Gene Symbol	<a href="#">ITGA5</a>
UniProt ID	<a href="#">ITA5_HUMAN</a>
Immunogen Region	Phe42-Tyr995 (ITGA5) acidic tail & Gln21-Asp728 (ITGB1) basic tail

### ADDITIONAL INFORMATION

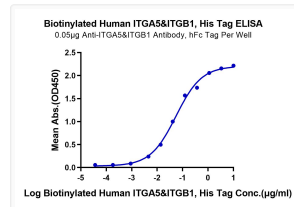
Note STRICTLY FOR FURTHER RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Biotinylated Human ITGA5&ITGB1 on Tris-Bis PAGE under reduced condition. The purity is greater than 95%.



The purity of Biotinylated Human ITGA5&ITGB1 is greater than 90% as determined by SEC-HPLC.



Immobilized 0.5  $\mu$ g Anti-ITGA5&ITGB1 Antibody, hFc Tag at 0.5  $\mu$ g/ml (100  $\mu$ g I/Well) on the plate. Dose response curve for Biotinylated Human ITGA5&ITGB1, His Tag with the EC<sub>50</sub> of 55.3ng/ml determined by ELISA.