



# Recombinant *Macaca fascicularis* ITGAV&ITGB6 Heterodimer Protein (Active)

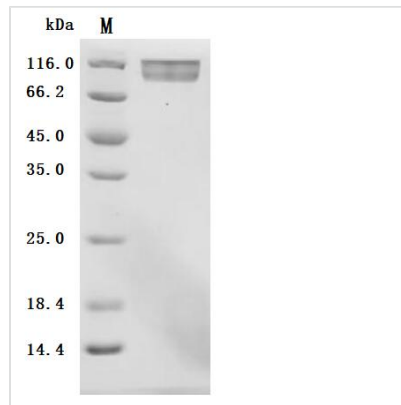
<b>Product Code</b>	CSB-MP6541MOV
<b>Abbreviation</b>	Recombinant Cynomolgus monkey ITGAV&ITGB6 Heterodimer protein (Active)
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life 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.
<b>Uniprot No.</b>	A0A2K5WCD3&A0A2K5TZ36
<b>Form</b>	Lyophilized powder
<b>Storage Buffer</b>	Lyophilized from a 0.2 μm sterile filtered PBS, 6% Trehalose, pH 7.4
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	<i>Macaca fascicularis</i> (Crab-eating macaque) ( <i>Cynomolgus</i> monkey)
<b>Biological Activity</b>	①Measured by its binding ability in a functional ELISA. Immobilized <i>Macaca fascicularis</i> ITGAV&ITGB6 at 2 μg/mL can bind <i>Macaca mulatta</i> TGFB1 (CSB-MP6752MOW(A4)(M)). The EC50 is 8.899-14.82 ng/mL. ②Measured by its binding ability in a functional ELISA. Immobilized <i>Macaca fascicularis</i> ITGAV&ITGB6 at 2 μg/mL can bind Anti-ITGB6 recombinant antibody(CSB-RA011890MA1HU). The EC50 is 4.251-5.103 ng/mL.
<b>Purity</b>	Greater than 95% as determined by SDS-PAGE. Greater than 90% as determined by SEC-HPLC.
<b>Sequence</b>	FNLDVDSPA EYSGPEGSYFGFAVDFFVPSASSRMFLLVGAPKANTTQPGIVEG GQVLKCDWSSTRRCQPIEFDATGNRDYAKDDPLEFKSHQWFGASVRSKQDKI LACAPLYHWRELKQEREPVGTGTCFLQDGTKTVEYAPCRSQDIDADGGQFCQG GFSIDFTKADR VLLGGPGSFYWQQLISDQVAEIVSKYDPNVYSIKYNNQLATR TAQAIFDDSYLGYSVAVGDFNGDGDIDFVSGVPRAARTLGMVYIYDGNMSSI YNFTGDQMAAYFGFSVAATDINGDDYADVFIGAPLFMDRGS DGLQE VGGQVS VSLQRASGDFQTTKLN GFEVFARFGSAIAPLGDLDQDGFNDIAIAAPYGGEDK KGIVYIFNGRSTGLNAVPSQILEGQWAARSMPPSFGYSMKGATDIDKNGYPDLI VGAFGVDRAILYRARPVITVNAGLEVYPSILNQDNKTC SLPGTALKVSCFNVRF CLKADGKGVLP RKLNFQVELLLDKLQKGAIRRALFLYSRSPSHSKNMTISRG GLMQCEELIAYLRDESEFRDKLTPITIFMEYWLDYRTAADTTGLQPILNQFTPAN ISRQAHILLDCGEDNVCKPKLEVFVSDQKKIYIGDDNPLTLIVKAQNQGE GAY EAELIVSIPLQADFIGVVRNSEALARLSCAFKTENQTRQVVCDLGNPMKAGTQL LAGLRF SVHQQSEMDTSVKFDLQIQSSNLFDKVSPVVSHKVDLAVLAAVEIRG VSSPDHIFLPIPNWEHKENPETEEDVGPVVQHIYELRNNGPSSFSKAMLHLQW PYKYNNNTLLYILHYDIDGPMNCTSDMEINPLRIKISSLQATEKNDTVAGQGER DHLITKRD LALSEGDIHTLGC GVAQCLKIVCQVGR LDRGKSAILYVKSLLTWETF MNKENQNH SYSLKSSASFNVIEFPYKNLPIEDITNSTLVTTNVTWGIQPAPMPV P&GCALGGAETCEDCLLIGPQCAWCAQENFTRPSGVGERCDTPANLLAKGC QLNFIENPVSQVEILKNKPLSVGRQKNSSDIVQIAPQSLILKLRPGGAQTLQVHV



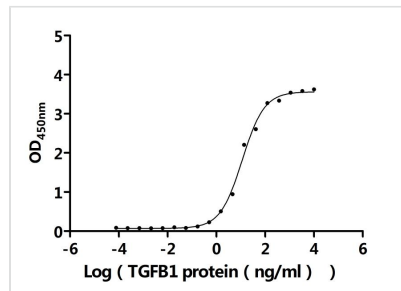
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 NDCDCQKEVEVNSSKCHHGNGSFQCGVCACHPGHMGPRCECGEDMLSTDSC  
 KEAPDHPSCSGRGDCYCGQCICHLSPYGNIIYGPYCQCDNFSCVRHKGLLCG  
 DNGDCDCGECVCRSGWTGEYCNCCTTSTDSCVSEDGVLCSGRGDCVCGKCV  
 CANPGASGPTCERCPTCGDPCNSKRSCIECHLSAAGQAREECVDKCKLAGAT  
 ISEEDFSKDGSVSCSLQGENECLITFLITTDNEGKSIHSISEKDCPKPPNIP

<b>Source</b>	Mammalian cell
<b>Target Names</b>	ITGAV&ITGB6
<b>Expression Region</b>	31-993aa&22-709aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	C-terminal Flag-tagged&C-terminal 10xHis-tagged
<b>Mol. Weight</b>	107.4 kDa&76.0 kDa
<b>Protein Length</b>	Heterodimer

### Image

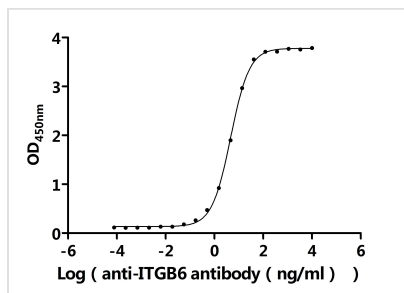


(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.



### Activity

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The purity of ITGAV&ITGB6 was greater than 90% as determined by SEC-HPLC

**Endotoxin**

Less than 1.0 EU/ug as determined by LAL method.

**Reconstitution**

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

**Shelf Life**

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