

# Recombinant Human ITGAV Protein (Full Length), Tag free

## Product Information

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<b>Cat</b>	IMP-8515
<b>Official Symbol</b>	ITGAV
<b>Product Overview</b>	Human ITGAV full-length ORF (NP_002201.1) recombinant protein without tag was expressed in Wheat Germ (in vitro).
<b>Description</b>	ITAGV encodes integrin alpha chain V. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. The I-domain containing integrin alpha V undergoes post-translational cleavage to yield disulfide-linked heavy and light chains, that combine with multiple integrin beta chains to form different integrins. Among the known associating beta chains (beta chains 1,3,5,6, and 8; 'ITGB1', 'ITGB3', 'ITGB5', 'ITGB6', and 'ITGB8'), each can interact with extracellular matrix ligands; the alpha V beta 3 integrin, perhaps the most studied of these, is referred to as the Vitronectin receptor (VNR). In addition to adhesion, many integrins are known to facilitate signal transduction. Alternative splicing results in multiple transcript variants.
<b>Expression System</b>	Wheat Germ (in vitro)
<b>Species</b>	Human
<b>Tag</b>	Tag free
<b>Form</b>	Liquid, 25 mM Tris-HCl of pH8.0 containing 2% glycerol.
<b>Molecular Mass</b>	116 kDa
<b>Protein length</b>	Full Length
<b>AA Sequence</b>	MAFPPRRRLRLGPRGLPLLLSGLLLPLCRAFNLVDSPA EYSGPEGSYFG FAVDFVPSASSQMFLLVGAPKANTTQPGIVEGGQVLKCDWSSTRRCQP IEFDATGNRDYAKDDPLEFKSHQWFGASVRSKQDKILACAPLYHWRTM KQEREPVGT CFLQDGTKTVEYAPCRSQDIDADGQGFCQGGFSIDFTKAD RVLLGGPGSFYWQQLISDQVAEIVSKYDPNVYSIKYNNQLATRTAQAI DDS YLGYSVAVGDFNGDGIDDFVSGVPRAARTLGMVYIYDGKNMSSLYN FTGEQMAAYFGFSVAATDINGDDYADVFIGAPLFMDRGS DGLQEVGQV SVSLQRASGDFQTTKLN GFEV FARFGSAIAPLGDLDQDGFNDIAIAAPYG GEDKKGIVYIFNGRSTGLNAVPSQILEGQWAARSMP PSFGYS MKGATDID KNGY PDLIVGAFGVDRAILYRARPVITVNAGLEVYPSILNQDNKTC SLPGT ALKVSCFNVR FCLKADGKGVLPRKLN FQVELLLDKLKQKGAIRRALFLYSR SPSHSKNMTISR GGLMQCEELIAYLRDESEFRD KLTPITIFMEYRLDYRTA ADTTGLQPILNQFT PANISRQAHILLDCGEDNVCKPKLEVSVDSDQKKIYIG DDNPLTLIVKAQNQGE GAYEAELIVSIPLQADFIGVVRNNEALARLSCAFKT

ENQTRQVVCDLGNPMKAGTQLLAGLRFSVHQQSEMDTSVKFDLQIQSSN  
LFDKVSPVVSHKVDLAVLAAVEIRGVSSPDHIFLPIPNWEHKENPETEEDV  
GPVVQHIYELRNNGPSSFSKAMLHLQWPYKYNNNTLLYILHYDIDGPMNC  
TSDMEINPLRIKISSLQTTEKNDTVAGQGERDHLITKRDLALSEGDIHTLGC  
GVAQCLKIVCQVGRDRGKSAILYVKSELLWTETFMNKENQNHSYSLKSSA  
SFNVIEFPYKNLPIEDITNSTLVTTNVTWGIQPAPMPVPVWVILAVLAGLLL  
LAVLVFVMYRMGFFKRVRPPQEEQEREQLQPHENGEGNSET

**Applications**

*Antibody Production*

**Notes**

*Best use within three months from the date of receipt of this protein.*

**Storage**

*Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.*