

Recombinant Mouse Itgb1 protein, His-tagged

Cat. No. Itgb1-3125M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Itgb1 protein(P09055)(21-728aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	21-728aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	82.2 kDa
AA Sequence	<p>QTDKNRCLKANAKSCGECIQAGPNCGWCTNTTFLQEGMPTSARCDLEALKKKGC QPSDIENPRGSQTIKKNKNVTNRSKGMAEKLRPEDITQIQPQQLLLKLRS GEPQKFTL KFKRAEDYPIDLYYLMDSL SYSMKDDLENVKSLGTDLMNEMRRITSDFRIGFGSFVEK TVMPYISTTPAKLRNPCTSEQNCTSPFSYKNVLSLTDRGEFFNELVGQQRISGNLDS PEGGFDAIMQVAVCGSLIGWRNVTRLLVFSTDAGFH FAGDGKLG GIVLPNDGQCHL ENNVYTMSHYYDYP SIAHLVQKLS ENNIQTIFAVTEEFQPVYKELKNLIPKSAVGTLS GNSSNVIQLIIDAYNSLSSEVILENSKLPDGV TINYKSYCKNGVNGTG ENGRKCSNISI GDEVQFEISITANKCPNKESETIKIKPLGFTEEVEVVLQFICKCNCQSHGIPASPKCHE GNGTFECGACRCNEGRVGRHCECSTDEVNSEMDAYCRKENSSEICSNNGECVC</p>

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GQCVCRRKRDNTNEIYSGKFCECDNFNCDRSNGLICGGNGVCRRCRVCECYPNYTGS
 ACDCSLDTGPCLASNGQICNNGRGICEGACKCTDPKFKGPTCETCQTCLGVCAEH
 KECVQCRAFNGKGEKKDTCAQECSHFNLTKVESREKLPQPVQVDPVTHCKEKDIDDC
 WFYFTYSVNGNNEAIVHVVETPDCPTGPD

Purity Greater than 90% as determined by SDS-PAGE.

Storage Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

Reconstitution 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%.

GENE INFORMATION

Gene Name [Itgb1 integrin beta 1 \(fibronectin receptor beta\) \[Mus musculus \]](#)

Official Symbol [Itgb1](#)

Synonyms ITGB1; integrin beta 1 (fibronectin receptor beta); integrin beta-1; VLA-4 subunit beta; fibronectin receptor subunit beta; CD29; Fnrb; gpIIa; Gm9863; AA409975; AA960159; 4633401G24Rik; ENSMUSG00000051907;

Gene ID [16412](#)

mRNA Refseq [NM_010578](#)

Protein Refseq [NP_034708](#)

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