

Recombinant Full Length Pig Integrin Beta-2(Itgb2) Protein, His-Tagged

Cat. No. RFL9256SF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Pig Integrin beta-2(ITGB2) Protein (P53714) (23-769aa), fused to N-terminal His tag, was expressed in E. coli.
Species	Sus scrofa (Pig)
Source	E.coli
ProteinLength	Full Length of Mature Protein (23-769)
Form	Lyophilized powder
AA Sequence	QECAKYKVSTCRDCIESGPGCAWCQKLNFSGQGEPDSVRCDTREQLLAKGCVADD IVDPRSLAETQEDQAGGQKQLSPQKVTLYLTPGQAATFNVTFRRAKGYPIDLYYLM LSYMLDDLINVKKLGGDLLRALNEITESGRIGFGSFVDKTVLPFVNTHPEKLRNPCP NKEKECQAPFAFRHVLKLTDNSNQFQTEVGKQLISGNLDAPEGGLDAMMQVAACP EEIGWRNVTRLLVFATDDGFHFAGDGKLGAILTPNDGRCHLEDNLYKSSNEFDYPSV GQLAHKLAESNIQPIFAVTKKMVKTYEKLTDIIPKSAVGELSESSNVLELIKNAYNKL SSRVFLDHNALPDTLKVTYDSFCSNGVSQVNQPRGDCDGVQINVPITFQVKVTASE CIQEVSFVIRALGFTDVTVRVLPQCECRCGDSSKERTLCGNKGSMCEGVCRCRCDAG YIGKHCECQTQGRSSQELEGSCRKDNSSIICSLGDCICGQCVCHTSDVPNKKIYGQ FCECDNMNCERFDGQVCGGEKRGKLCFCSTCRCEGFEFGSACQCLKSTQGCLNLQ GVECSGRGRRCRCNVCQCDFGYQPPLCTDCPSCQVPCARYAKCAECLKFDTGPFA KNCSAECGTTKLLPSRMSGRCNERDSEGCWMTYFLVQRDGRDNYDLHVEETRE

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	CVKGPNIAAIVGGTVGGVVLVGIFLLVIWKVLTHLSDLREYKRFEKEKLKSQWNNDNP LFKSATTTVMNPKFAER
Purity	Greater than 90% as determined by SDS-PAGE.
Applications	SDS-PAGE
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Storage Buffer	Tris/PBS-based buffer, 6% Trehalose, pH 8.0
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.

GENE INFORMATION

Gene Name	ITGB2
Synonyms	ITGB2; CD18; Integrin beta-2; Cell surface adhesion glycoproteins LFA-1/CR3/p150,95 subunit beta; Complement receptor C3 subunit beta; CD antigen CD18
UniProt ID	P53714

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