

Recombinant Human ITGB4 protein, His-tagged

Cat. No. ITGB4-694H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human ITGB4 protein(NP_000204)(27-354 aa), fused with His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	27-354 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.). 5 % trehalose and 5 % mannitol are added as protectants before lyophilization.
AA Sequence	ANRCKKAPVKSCTECVRVDKDCAYCTDEMFRDRRCNTQAELLAAGCQRESIVME SSFQITEETQIDTTLRRSQMSPQGLRVLRPGEERHFELEVFEPLSPVDLYILMDFS NSMSDDLNLKMGQNLARVLSQLTSDYTIGFGKFVDKVSVPQTDMRPEKLKEPW PNSDPPFSFKNVISLTEDVDEFNRNKLQGERISGNLDAPEGGFDAILQTAVCTRDIGW RPDSTHLLVFSTESAFHYEADGANVLGIMSRNDERCHLDTTGTYTQYRTQDYPSV PTLVRLAKHNIPIFAVTNYSYSYIEKLHTYFPVSSLGVLQEDSSN
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw

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cycles.

Reconstitution

Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage.

Reconstitution with 200 µl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name [ITGB4 integrin, beta 4 \[Homo sapiens \]](#)

Official Symbol [ITGB4](#)

Synonyms ITGB4; integrin, beta 4; integrin beta-4; CD104; GP150; CD104 antigen; integrin beta-4 subunit;

Gene ID [3691](#)

mRNA Refseq [NM_000213](#)

Protein Refseq [NP_000204](#)

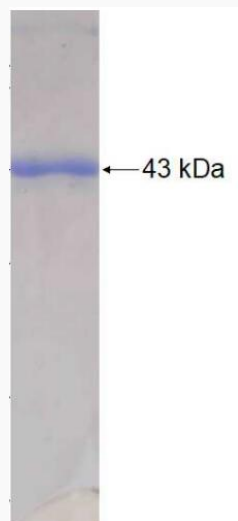
MIM [147557](#)

UniProt ID [P16144](#)

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SDS-PAGE

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