

Recombinant Rat Itgb4 protein, His-tagged

Cat. No. Itgb4-2440R Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Rat Itgb4 protein(Q64632)(28-713aa), fused to N-terminal His tag, was expressed in E. coli.

Species Rat

Source E.coli

ProteinLength 28-713aa

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 80.7 kDa

AA Sequence

SLTENVEEFWDKLGGERISGNLDAPEGGFDAILQTAVCTRDIGWRADSTHLLVFSTE
 SAFHYEADGANVLAGIMNRNDEKCHLDATGAYTQYKTQDYPSVPTLVRLAKHNIPI
 FAVTNYSYSYIEKLHKYFPVSSLGVLQEDSSNIVELLEAFYRIRSNLDIRALDSPRGL
 RTEVTSDTLQKTETGTFHIKRGEVGTYNVHLRAVEDIDGTHVCQLAKEDQRGNIHLK
 PSFSDGLRMDASVICDMCACEIQKEVQSARCHYRGDFMCGHCVCNEGWSGKTCN
 CSTGSLSDTQPCLEGGEDKPCSGHGECQCGRCVCYGEGRYEGHFCEYDNFQCPR
 TSGFLCNDRGRCSMGECVCEPGWTGRSCDCPLSNATCIDSNGGICNGLGFCECGR
 CHCNQRSSLYTDTTCEINYSAIRLGLCEDLRSCVQCQAWGTGEKKGRTCEEENFKV
 KMVDELKKAEEVVEYCSFRDEDDDDCTYSYTVEGDGGSPGNSTVLVHKKKDCPLAPS

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Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C upon receipt, aliquoting is necessary for multiple 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%. Customers could use it as reference.

GENE INFORMATION

Gene Name	Itgb4 integrin, beta 4 [Rattus norvegicus]
Official Symbol	Itgb4
Synonyms	ITGB4; integrin, beta 4; integrin beta-4; GP150;
Gene ID	25724
mRNA Refseq	NM_013180
Protein Refseq	NP_037312

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