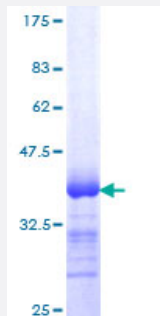


ITGB5 (Human) Recombinant Protein (Q01)

Catalog # H00003693-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ITGB5 partial ORF (NP_002204, 421 a.a. - 516 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TASFEVSLEARSCPSRHTEHVFALRPVGFRDSLEVGVTYNCTCGCSVGLEPNSARCNGSGTYVC GLCECSPGYLGTRCECQDGENQSVYQNLCREA
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.3
Interspecies Antigen Sequence	Mouse (81); Rat (83)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — ITGB5

Entrez GeneID	3693
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GeneBank Accession#	NM_002213
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Protein Accession#	NP_002204
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Gene Name	ITGB5
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Gene Alias	FLJ26658
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Gene Description	integrin, beta 5
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Omim ID	147561
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Gene Ontology	Hyperlink
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Gene Summary	O
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Other Designations	-
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Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [ECM-receptor interaction](#)
- [Focal adhesion](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Adenovirus Infections](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Pulmonary Disease](#)