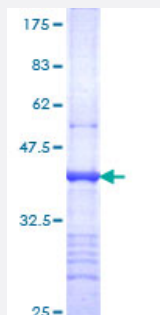


ITGA9 (Human) Recombinant Protein (Q01)

Catalog # H00003680-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human ITGA9 partial ORF (NP_002198, 785 a.a. - 886 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	GESVDAANFIQLDDLECHFQPINITLQVYNTGPSTLPGSSVSISFPNRLSSGGAEMFHVQEMVVGQ EKGNCSEFQKNPTPCIIPEEQENIFHTIFAFFTKSGR
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.96
Interspecies Antigen Sequence	Mouse (88)
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 — ITGA9

Entrez GeneID [3680](#)

GeneBank Accession# [NM_002207](#)

Protein Accession# [NP_002198](#)

Gene Name ITGA9

Gene Alias ALPHA-RLC, ITGA4L, RLC

Gene Description integrin, alpha 9

Omim ID [603963](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an alpha integrin. Integrins are heterodimeric integral membrane glycoprotein s composed of an alpha chain and a beta chain that mediate cell-cell and cell-matrix adhesion. Th e protein encoded by this gene, when bound to the beta 1 chain, forms an integrin that is a recept or for VCAM1, cytotactin and osteopontin. Expression of this gene has been found to be upregula ted in small cell lung cancers. [provided by RefSeq

Other Designations integrin, alpha 4-like

Pathway

- [Arrhythmogenic right ventricular cardiomyopathy \(ARVC\)](#)
- [Cell adhesion molecules \(CAMs\)](#)
- [ECM-receptor interaction](#)

- [Focal adhesion](#)
- [Hypertrophic cardiomyopathy \(HCM\)](#)
- [Regulation of actin cytoskeleton](#)

Disease

- [Chylothorax](#)
- [Genetic Predisposition to Disease](#)
- [Hypertension](#)
- [Nasopharyngeal Neoplasms](#)
- [Tobacco Use Disorder](#)