

Integrin alpha-7 (ITGA7) Recombinant Protein | ITGA7 recombinant protein

Recombinant Human Integrin alpha-7 (ITGA7) , partial

CATALOG #
AAA116794

HOST
E Coli or Yeast or Baculovirus or Mammalian Cell

PRODUCT SYNONYMS

Integrin alpha-7 (ITGA7); Recombinant Human Integrin alpha-7 (ITGA7); partial; ITGA7 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	35-530aa; partial
Sequence	NLDVMGALRK EGEPGSLFGF SVALHRQLQP RPQSWLLVGA PQALALPGQQ ANRTGGGLFAC PLSLEETDCY RVDIDQGADM QKESKENQWL GVSVRSQGP G KIVTCAHRY EARQRVDQIL ETRDMIGRCF VLSQDLAIRD ELDGGEWKFC EGRPQGHEQF GFCQQGTAAA FSPDSHYLLF GAPGTYNWKG TARVELCAQG SADLAHLDDG PYEAGGEKEQ DPRLIPVPAN SYFGLLFVTN IDSSDPDQLV YKTLDPADRL PGPAGDLALN SYLGFSIDSG KGLVRAEELS FVAGAPRANH KGAVVILRKD SASRLVPEVM LSGERLTSGF GYSLAVADLN SDGWPD LIVG APYFFERQEE LGGAVVYVLN QGGHWAGISP LRLCGSPDSM FGISLAVLGD LNQDGFDPDIA VGAPFDGDGK VFIYHGSSLG VVAKPSQVLE GEAVGIKSFG YSLSGSLDMD GNQYPDLLVG SLADTAVLFR ARPILHVSHE VSIAPR
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for ITGA7 recombinant protein

This protein belongs to the integrin alpha chain family. Integrins are heterodimeric integral membrane proteins composed of an alpha chain and a beta chain. They mediate a wide spectrum of cell-cell and cell-matrix interactions, and thus play a role in cell migration, morphologic development, differentiation, and metastasis. This protein functions as a receptor for the basement membrane protein laminin-1. It is mainly expressed in skeletal and cardiac muscles and may be involved in differentiation and migration processes during myogenesis. Defects in this gene are associated with congenital myopathy. Alternatively spliced transcript variants encoding different isoforms have been noted for this gene.

NCBI AND UNIPROT INFORMATION

NCBI GI #	222418613
NCBI GeneID	3679
NCBI Accession #	NP_001138468.1
NCBI GenBank Nucleotide #	NM_001144996.1
UniProt Accession #	Q13683; O43197; Q86W93; Q9NY89; Q9UET0; Q9UEV2; B4E3U0; C9JMD3; C9JMZ6
Molecular Weight	114,545 Da
NCBI Official Full Name	integrin alpha-7 isoform 1

NCBI Official Synonym Full Names	integrin subunit alpha 7
NCBI Official Symbol	ITGA7
NCBI Protein Information	integrin alpha-7
UniProt Protein Name	Integrin alpha-7
UniProt Gene Name	ITGA7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/itga7-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/116794>