

ITGA5 recombinant protein

Recombinant Human ITGA5 Protein

CATALOG # AAA263227	HOST Human cells	REACTIVITY Human	APPLICATIONS SDS-Page, Western Blot, ELISA
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PRODUCT SYNONYMS

ITGA5; Recombinant Human ITGA5 Protein; FNRA; Integrin alpha-5; CD49 antigen-like family member E; Fibronectin receptor subunit alpha; Integrin alpha-F; VLA-5; CD49e; ITGA5 recombinant protein

PRODUCT SPECIFICATIONS

Host	Human cells
Reactivity	Human
Purity/Purification	Greater than 95% as determined by SEC-HPLC and reducing SDS-PAGE.
Form/Format	Lyophilized from a 0.2 uM filtered solution of 20mM PB, 150mM NaCl, pH 7.2.
Sequence Length	1049
Applicable Applications for ITGA5 recombinant protein	MS (Mass Spectrometry), SDS-PAGE, WB (Western Blot), ELISA
Endotoxin	Less than 0.1 ng/mug (1 IEU/mug) as determined by LAL test.
Chemical Structure	FNLDAEAPAV LSGPPGSFFG FSVEFYRPGT DGVSVLVGAP KANTSQPGVL QGGAVYLCPW GASPTQCTPI EFDSKGSRL ESSLSSSEGE EPVEYKSLQW FGATVRAHGS SILACAPLYS WRTEKEPLSD PVGTCYLSTD NFTRILEYAP CRSDFSWAAG QGYCQGGFSA EFTKTGRVVL GGPGSYFWQG QILSATQEQI AESYYPEYLI NLVQGLQTR QASSYDDSY LGYSVAVGEF SGDDTEDFVA GVPKGNLTYG YVTILNGSDI RSLYNFSGEQ MASYFGYAVA ATDVNGDGLD DLLVGAPLLM DRTPDGRPQE VGRVYVYLQH PAGIEPTPTL TLTGHDEFGR FGSSLTPLGD LDQDGYNDVA IGAPFGGETQ QGVVVFVPGG PGGLGSKPSQ VLQPLWAASH TPDFFGSALR GGRDLDGNGY PDLIVGSFGV DKAVVYRGRP IVSASASLTI FPAMFNPEER SCSLEGNPVA CINLSFCLNA SGKHVADSIG FTVELQLDWQ KQKGGVRRAL FLASRQATLT QTLIQNGAR EDCREMKIYL RNESEFRDKL SPIHIALNFS LDPQAPVDSH GLRPALHYQS KSRIEDKAQI LLDGCGEDNIC VPDQLQEVFG EQNHVYLGDK NALNLTFAHQ NVGEGGAYEA ELRVTAPEEA EYSGLVVRHPG NFSSLSCDYF AVNQSRLLVC DLGNPMKAGA SLWGGLRFTV PHLRDTKKTI QFDFQILSKN LNNSQSDVVS FRLSVEAQAQ VTLNGVSKPE AVLFPVSDWH PRDQPQKEED LGPAVHHVYE LINQGPSSIS QGVLELSCPQ ALEGQQLLYV TRVTGLNCTT NHPINPKGLE LDPEGSLHHQ QKREAPSRSS ASSGPQILKC PEAEFCRLRC ELGPLHQQES QSLQLHFRVW AKTFLQREHQ PFSLQCEAVY KALKMPYRIL PRQLPQKERQ VATAVQWTKA EGSYVDHHHH HH
Directions for Use	Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 mug/ml. Dissolve the lyophilized protein in 1X PBS. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.
Preparation and Storage	Lyophilized protein should be stored at -20 degree C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8 degree C for 2-7 days. Aliquots of reconstituted samples are stable at -20 degree C for 3 months.

ADDITIONAL INFORMATION

Related Product Information for ITGA5 recombinant protein	Recombinant Human ITGA5 Protein is produced by our Mammalian expression system and the target gene encoding Phe42-Tyr995 is expressed with a 6His tag at the C-terminus.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1017029567
NCBI GeneID	3678
NCBI Accession #	NP_002196.4
NCBI GenBank Nucleotide #	NM_002205.4
UniProt Accession #	P08648; Q96HA5
NCBI Official Full Name	integrin alpha-5
NCBI Official Synonym Full Names	integrin subunit alpha 5
NCBI Official Symbol	ITGA5
NCBI Official Synonym Symbols	FNRA; CD49e; VLA-5; VLA5A
NCBI Protein Information	integrin alpha-5
UniProt Protein Name	Integrin alpha-5
UniProt Gene Name	ITGA5
UniProt Synonym Gene Names	FNRA
UniProt Entry Name	ITA5_HUMAN

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/itga5-recombinant-protein-human-cells-ms-mass-spectrometry-sds-page-wb-western-blot-elisa/263227>