

Product Datasheet

Recombinant Human Alpha Actinin 4 GST (N-Term) Protein

H00000081-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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Publications: 4

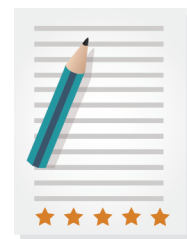
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H00000081-P01-10ug**Recombinant Human Alpha Actinin 4 GST (N-Term) Protein**

Product Information	
Unit Size	10 ug
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at -80C. Avoid freeze-thaw cycles.
Preservative	No Preservative
Purity	>80% by SDS-PAGE and Coomassie blue staining
Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0 in the elution buffer.
Target Molecular Weight	131.3 kDa

Product Description	
Description	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-911 of Human ACTN4</p> <p>Source: <i>Wheat Germ (in vitro)</i></p> <p>Amino Acid Sequence: MVDYHAANQSYQYGPSSAGNGAGGGGSMGDYMAQEDDWRDLLLLDPAWE KQQRKTFTAWCNSHLRKAGTQIENIDEDFRDGLKMLLLEVISGERLPKPERGK MRVHKINNVNKALDFIASKGVKLVSIGAEIVDGNAKMTLGMWITILRFAIQDISV EETSAKEGLLLWCQRKTAPYKNVNVQNFHISWKDGLAFNALIHRHRPELIEYDK LRKDDPVTNLNNAFEVAEKYLDIPKMLDAEDIVNTARPDEKAIMTYVSSFYHAFS GAQKAETAANRICKVLAVNQENEHLMEDYEKLASDLLEWIRRTIPWLEDVRPQ KTIQEMQQKLEDFRDYRRVHKPPKVQEKQLEINFNTLQTKLRLSNRPAFMPS EGKMVSDINNGWQHLEQAEKGYEELLNEIRRLERLDHLAEKFRQKASIHEAW TDGKEAMLKHRDYETATLSDIKALIRKHEAFESDLAAHQDRVEQIAAIAQELNEL DYYDSHNVNTRCQKICDQWDALGSLTHSRREALEKTEKQLEAIDQLHLEYAKR AAPFNNWMESAMEDLQDMFIVHTIEEIEGLISAHDQFKSTLPDADREREAILAIH KEAQRIAESNHIKLSGSNPYTTVTPQIINSKWEKVQQLVPKRDHALLEEQSKQQ SNEHLRRQFASQANVVGPIQTKMEEIGRISIEMNGTLEDQLSHLKQYERSIVD YKPNLDLLEQQHQLIQEALIFDNKHTNYTMEHIRVQWEQLLTTIARTINEVENQIL TRDAKGISQEQMQEFRAFNFHFDKDHGGALGPEEFKAACLISLGYDVENDRQG EAEFNRLMSLVDPNHSGLVTFQAFIDFMSRETTDTDADQVIASFKVLGDKNFI TAEELRRELPPDQAEYCIARMAPYQGPDAVPGALDYKSFSTALYGESDL</p>
Gene ID	81
Gene Symbol	ACTN4
Species	Human
Preparation Method	in vitro wheat germ expression system
Details of Functionality	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
Notes	This product is produced by and distributed for Abnova, a company based in Taiwan.

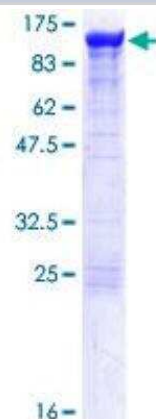
Product Application Details	
Applications	Western Blot, ELISA, In vitro assay, Protein Array, Immunoaffinity Purification



Recommended Dilutions	Western Blot, ELISA, In vitro assay, Protein Array, Immunoaffinity Purification
Application Notes	Use in In vitro reported in scientific literature (PMID:33859739).

Images

SDS-Page: Recombinant Human Alpha Actinin 4 Protein [H00000081-P01] - 12.5% SDS-PAGE Stained with Coomassie Blue.



Publications

Li K, Sun X, Zha R et al. Counterintuitive production of tumor-suppressive secretomes from Oct4- and c-Myc-overexpressing tumor cells and MSCs Theranostics 2022-03-28 [PMID: 35547745] (MS)

Sun X, Li K, Zha R et al. Preventing tumor progression to the bone by induced tumor-suppressing MSCs Theranostics 2021-03-16 [PMID: 33859739] (In vitro)

Karlsson T, Turkina MV, Yakymenko O et al. The Pseudomonas aeruginosa N-acylhomoserine lactone quorum sensing molecules target IQGAP1 and modulate epithelial cell migration. PLoS Pathog. 2012-01-01 [PMID: 23071436]

Zou X, Cheng H, Zhang Y, Fang C, Xia Y. The antigen-binding fragment of anti-double-stranded DNA IgG enhances F-actin formation in mesangial cells by binding to alpha-actinin-4 Exp Biol Med (Maywood) 2012-08-28 [PMID: 22929799] (WB)



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Products Related to H0000081-P01-10ug

H0000081-Q01-10ug	Recombinant Human Alpha Actinin 4 GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]
H0000081-M01	Alpha Actinin 4 Antibody (4D10)
NB100-417	Carbonic Anhydrase IX/CA9 Antibody - BSA Free

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