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Datasheet for ABIN3137547 EHD1 Protein (AA 1-534) (His tag)

Image



Overview

Quantity:	1 mg
Target:	EHD1
Protein Characteristics:	AA 1-534
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This EHD1 protein is labelled with His tag.
Application:	ELISA, Western Blotting (WB), Crystallization (Crys), SDS-PAGE (SDS)

Product Details

Sequence:	MFSWVSKDAR RKKEPELFQT VAEGLRQLYA QKLLPLEEHY RFHEFHSPAL EDADFDNKPM
	VLLVGQYSTG KTTFIRHLIE QDFPGMRIGP EPTTDSFIAV MHGPTEGVVP GNALVVDPRR
	PFRKLNAFGN AFLNRFMCAQ LPNPVLDSIS IIDTPGILSG EKQRISRGYD FAAVLEWFAE
	RVDRIILLFD AHKLDISDEF SEVIKALKNH EDKIRVVLNK ADQIETQQLM RVYGALMWSL
	GKIINTPEVV RVYIGSFWSH PLLIPDNRKL FEAEEQDLFK DIQSLPRNAA LRKLNDLIKR
	ARLAKVHAYI ISSLKKEMPN VFGKESKKKE LVNNLGEIYQ KIEREHQISS GDFPSLRKMQ
	ELLQTQDFSK FQALKPKLLD TVDDMLANDI ARLMVMVRQE ESLMPSQAVK GGAFDGTMNG
	PFGHGYGEGA GEGIDDVEWV VGKDKPTYDE IFYTLSPVNG KITGANAKKE MVKSKLPNTV
	LGKIWKLADV DKDGLLDDEE FALANHLIKV KLEGHELPAD LPPHLIPPSK RRHE
	Sequence without tag. Tag location is at the discretion of the manufacturer. If you have a
	special request, please contact us.

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Product Details	
Characteristics:	 Made in Germany - from design to production - by highly experienced protein experts. Mouse Ehd1 Protein (raised in E. Coli) purified by multi-step, protein-specific process to ensure crystallization grade. State-of-the-art algorithm used for plasmid design (Gene synthesis).
	This protein is a made to order protein and will be made for the first time for your order. Our
	experts in the lab will ensure that you receive a correctly folded protein.
	The big advantage of ordering our made-to-order proteins in comparison to ordering custom
	made proteins from other companies is that there is no financial obligation in case the protein
	cannot be expressed or purified.
	In the unlikely event that the protein cannot be expressed or purified we do not charge anything
	(other companies might charge you for any performed steps in the expression process for
	custom-made proteins, e.g. fees might apply for the expression plasmid, the first expression
	experiments or purification optimization).
	When you order this made-to-order protein you will only pay upon receival of the correctly
	folded protein. With no financial risk on your end you can rest assured that our experienced
	protein experts will do everything to make sure that you receive the protein you ordered.
	The concentration of our recombinant proteins is measured using the absorbance at 280nm.
	The protein's absorbance will be measured in several dilutions and is measured against its
	specific reference buffer.
	The concentration of the protein is calculated using its specific absorption coefficient. We use
	the Expasy's protparam tool to determine the absorption coefficient of each protein.
Purification:	Two step purification of proteins expressed in bacterial culture:
	 In a first purification step, the protein is purified from the cleared cell lysate using three different His-tag capture materials: high yield, EDTA resistant, or DTT resistant. Eluate fractions are analyzed by SDS-PAGE. Protein containing fractions of the best purification are subjected to second purification step through size exclusion chromatography. Eluate fractions are analyzed by SDS-PAGE and Western blot.
Purity:	
-	>95 % as determined by SDS PAGE, Size Exclusion Chromatography and Western Blot.
Sterility:	0.22 µm filtered
Endotoxin Level:	Endotoxin has not been removed. Please contact us if you require endotoxin removal.
Grade:	Crystallography grade

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ne reorganization/tubulation upon embranes (By similarity). Acts in g of recycling endosomes somal membranes upon nerve bwth (By similarity). Plays a role in ectional retrograde dendritic BACE1 to axons implicating a Plays a role in the formation of the sed to be required for the fusion of ng SNARE complex component eins CEP290, RPGRIP1L, TMEM67
embranes (By similarity). Acts in g of recycling endosomes somal membranes upon nerve owth (By similarity). Plays a role in ectional retrograde dendritic BACE1 to axons implicating a Plays a role in the formation of the sed to be required for the fusion of ng SNARE complex component
e Rab8-dependent ciliary membrane r centriole essential for the ity). :Q9H4M9, 0159556, 4373286}.
ber Development
otein to work for functional studies udies yet we cannot offer a gurantee
h it is highly likely that the Ir protein lab may suggest a higher Ibility. We will discuss all possible
otein of interest.
r L

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Handling

Format:	Liquid
Buffer:	100 mM NaCL, 20 mM Hepes, 10% glycerol. pH value is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	Unlimited (if stored properly)

Images

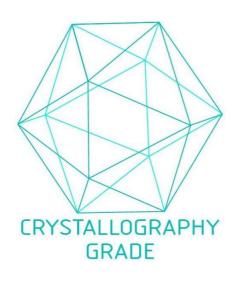


Image 1. "Crystallography Grade" protein due to multi-step, protein-specific purification process

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