

Datasheet for ABIN3135936

DZIP3 Protein (AA 1-1204) (Strep Tag)



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Overview

Quantity:	250 µg
Target:	DZIP3
Protein Characteristics:	AA 1-1204
Origin:	Mouse
Source:	Cell-free protein synthesis (CFPS)
Protein Type:	Recombinant
Purification tag / Conjugate:	This DZIP3 protein is labelled with Strep Tag.
Application:	ELISA, SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Brand:	AliCE®
Sequence:	<p> MDSLAEFFV SGNPDVEEQT KEETEIIAEK PVTQLDKQKM DISADPEPVN ALLEIKKVLN PISALPKGVF PNIEKFIQED FSFQTMQREV TTHSQTGEEI VPALTLHFLI TQLEMALRNI QASNYTAQQI NVGYLTLF LYGVALTERA KKEDCIEAEN KFLVMKMVIQ ESEICENFMC LVYFGRGLLR CAQKRYNGAL LEFYKSLQEI GDTDDNWFEV DPTDDEDLPT TFKDSLNNFI KTTESNIMKE TICSYLDCER SCEADILKNT NYKGFFQLMC SKSCCIYFHK ICWKKFKNLK YPGESDQSFS GQKCLKEGCP GDMVRMLQCD VPGIVKILFE VVRKDEYITI ENLGASYKNL MSLELTDTDI RPKFNLKPNT KDEVPIFKLD YNYFYHLLHI IIISGTMVVR QIFDEAMPPT LLKKELLIHK NVLEPYYNHL WTNHPLGGSW HLLYPPNKEL PQSKQFDLCL LLALIKHLNV FPAPRKGWDM EPPSSDLKS ADILRLCKYR DILLSEILMN GLTELQFNSI WKKVSDILLR LGMKQDDLDK VKENPIENIS LDYHQLSIYL GIPVPEIIQR MLSCYQQGIT LQSITGSQRL DVEEFQNDEE DLSPVMEYN IDVKSNTIEQ LAEINKDVAS IPSESSTESV KDLQEVKSKT </p>

KKKKRTKSNK KDKDSEDEQV SYMVEKDDQL ETEQVDVNTL STYMKTDTSQ AQEDSAAEDK
FCSLDELHIL DMVEQGSSGK ESTDFKETEK ERLAHQHQLY KLQYECEDYK RQLKTVTFRW
QENQMLIKKK EKIIVSLNQQ VAFGINKMSK LQRQIHAKDD EIKNLKDQLS LKRSQWEMEK
HNLESTVKTY LNKLNATSR ALTAEVYFLQ CRRDFGLLHL EQTEKECLNQ LARVTHMAAS
NLESLQLKAA VDSWNAIVAD VRNKIAFLRT QYNEQINKVK QGFALSTLPP VQLPPPPPPSP
EILIQQLGR PLVKESFFRP ILTVPQMPAV CPGVISAAVQ PRPPLMPGIT WAMPTPIGDT
VSPSASLCSE PLMINWERIT DRLKTAFPQQ TRKELTDFLQ QLKDSHGKSV SRLTFDEIVY
KISQMIEPKK SESEEKSAQD GNNASPSHTA SQPNAPQDPK SAQGSATWEG DKDMDNEEEE
EEPCVICHEN LSPENLSVLP CAHKFHSQCI RPWLMQQGTC PTCRLHVLQP EEFGHPNGQ LPKI

Sequence without tag. The proposed Strep-Tag is based on experience s with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.

Characteristics:

Key Benefits:

- Made in Germany - from design to production - by highly experienced protein experts.
- Protein expressed with ALiCE® and purified in one-step affinity chromatography
- These proteins are normally active (enzymatically functional) as our customers have reported (not tested by us and not guaranteed).
- 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 try to ensure that you receive soluble 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.

Expression System:

- ALiCE®, our Almost Living Cell-Free Expression System is based on a lysate obtained from *Nicotiana tabacum* c.v.. This contains all the protein expression machinery needed to produce even the most difficult-to-express proteins, including those that require post-translational modifications.
- During lysate production, the cell wall and other cellular components that are not required for protein production are removed, leaving only the protein production machinery and the mitochondria to drive the reaction. During our lysate completion steps, the additional components needed for protein production (amino acids, cofactors, etc.) are added to produce something that functions like a cell, but without the constraints of a living system - all that's needed is the DNA that codes for the desired protein!

Product Details

Concentration:

- The concentration of our recombinant proteins is measured using the absorbance at 280nm.
- The protein's absorbance will be measured against its specific reference buffer.
- We use the Expasy's ProtParam tool to determine the absorption coefficient of each protein.

Purification: One-step Strep-tag purification of proteins expressed in Almost Living Cell-Free Expression System (ALiCE®).

Purity: > 70-80 % as determined by SDS PAGE, Western Blot and analytical SEC (HPLC).

Grade: custom-made

Target Details

Target: DZIP3

Alternative Name: Dzip3 ([DZIP3 Products](#))

Background: E3 ubiquitin-protein ligase DZIP3 (EC 2.3.2.27) (DAZ-interacting protein 3 homolog) (RING-type E3 ubiquitin transferase DZIP3),FUNCTION: E3 Ubiquitin ligase proteins mediate ubiquitination and subsequent proteasomal degradation of target proteins. E3 ubiquitin ligases accept ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates. Able to specifically bind RNA. {ECO:0000250|UniProtKB:Q86Y13}.

Molecular Weight: 138.0 kDa

UniProt: [Q7TPV2](#)

Application Details

Application Notes: In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

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Application Details

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Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.
Standard Storage Buffer: PBS pH 7.4, 10 % Glycerol **Might differ depending on protein.**

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months