

Datasheet for ABIN3092266

DZIP3 Protein (AA 1-1208) (Strep Tag)



[Go to Product page](#)

Overview

Quantity:	250 µg
Target:	DZIP3
Protein Characteristics:	AA 1-1208
Origin:	Human
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> MDSLPDEFFV RHPAVEDQRK EETENKLEKS SGQLNKQEND IPTDLVPVNL LLEVKKLLNA INTLPKGVVP HIKKFLQEDF SFQTMQREVA ANSQNGEEIV PALTLRFLIT QLEAALRNIQ AGNYTAHQIN IGYLTLLFL YGVALTERGK KEDYTEAENK FLVMKMMIQE NEICENFMSL VYFGRGLLRC AQKRYNGLL EFHKSLQEIG DKNDHWFDID PTEDEDLPTT FKDLLNNFIK TTESNIMKQT ICSYDCERS CEADILKNTS YKGFFQLMCS KSCCVYFHKI CWKKFKNLKY PGENDQSFSG KKCLKEGCTG DMVRMLQCDV PGIVKILFEV VRKDEYITIE NLGASYRKLI SLKITDIDR PKISLKFNTEK DEMPIFKLDY NYFYHLLHII IISGTDIVRQ IFDEAMPPPL LKKELLIHKN VLESYYNHLW TNHPLGGSWH LLYPPNKELP QSKQFDLCLL LALIKHLNVF PAPKKGWNME PPSSDISKSA DILRLCKYRD ILLSEILMNG LTESQFNSIW KKVSDILLRL GMMQEDIDKV KENPIENISL DYHQLSVYLG IPVPEIIQRM LSCYQQGIAL QSITGSQRIE IEELQNEEEE LSPPLMEYNI NVKSHPEIQF AEINKDGTSI PSESSTESLK DLQEVKSKQR KKKKTKNKKK KDSKEDQVPY </p>

VVEKEEQLRK EQANPHSVSR LIKDDASDVQ EDSAMEDKFY SLDELHILDM IEQGSAGKVT
TDYGETEKER LARQRQLYKL HYQCEDFKRQ LRTVTFRWQE NQMQUIKKKDK IASLNQQVA
FGINKVSKLQ RQIHAKDNEI KNLKEQLSMK RSQWEMEKHN LESTMKTYVS KLNATSRAL
TAEVYFLQCR RDFGLLHLEQ TEKECLNQLA RVTHMAASNL ESLQLKAAVD SWNAIVADV
NKIAFLRTQY NEQINKVKQG FALSTLPPVQ LPPPPPSPEI LMQQFLGRPL VKESFFRPIL
TVPQMPAVCP GVVSATGQPR APLMTGIAWA LPAPVGDAVP PSAGLRSDPS IMNWERITDR
LKTAFPQQTR KELTDFLRKL KDAYGKSLSE LTFDEIVCKI SQFIDPKKSQ SQGKSVSNVN
CVSPSHSPSQ PDAAQPPKPA WRPLTSQGPA TWEGASNPDE EEEEEPCVI CHENLSPENL
SVLPCAHKFH AQCIRPWLMQ QGTCPTCRLH VLLPEEFPGH PSRQLPKI

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) (RING-type E3 ubiquitin transferase DZIP3) (RNA-binding ubiquitin ligase of 138 kDa) (hRUL138),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:0000269|PubMed:12538761}.

Molecular Weight: 138.6 kDa

UniProt: [Q86Y13](#)

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