

Datasheet for ABIN3079319 ECT2L Protein (AA 1-904) (Strep Tag)



Overview

Quantity:	250 µg
Target:	ECT2L
Protein Characteristics:	AA 1-904
Origin:	Human
Source:	Cell-free protein synthesis (CFPS)
Protein Type:	Recombinant
Purification tag / Conjugate:	This ECT2L protein is labelled with Strep Tag.
Application:	ELISA, SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Brand:	AliCE®
Sequence:	MESFHTRFSA WTPFSNKSLN RQLFQERVAL ISHWFDLWTN KQRQEFLFAI FLRCTKSQLR
	FVQDWFSERM QVAKVDFSTV LPRFISLYIF SFLSPKDLCA AAQVSWPWKF LTEQDCLWMP
	KCVKFGWFLP YTPTDNEYGA WKRHYIACVS HLDWLTPREA AATYGTLNEP KTEDEELLER
	QREKCLRKRI WEKIALRKKE LFKVRPPWVS GTCCSSVLKP RCQPRLSQTV RERVGLHEAL
	EKQLVLTSLE TLPKRSNISG SHSYPLLSKK NWHGVHKNDD RSSYALRPHF MLISSRIPAY
	EMVMESVKAG VVSVVYEHSV TLESLLYLIE KALDGQKAQS IGIFSDGDSR EINLLQGYKI
	GVKNLLRPEV RDFWEKLGSY VATEEEGGHV DFFVPLGASE AGIEVLSQLS QLTGTFFTAP
	TGIATGSYQH ILSDWLGSQW GKAPSSIYFC ESKLQTWSSF TDFLEETLKT VRKQLYPFFK
	ELQKSISGRM IGQFMFDTMG MTNILNNQDT AQALADGLME LSKEDSERNV VEDNSWDTKS
	RLSKNDLNFE ALINLERILQ KDSAEKRARV VRELLQSERK YVQILEIVRD VYVAPLKAAL
	SSNRAILSAA NIQIIFCDIL QILSLNRQFL DNLRDRLQEW GPAHCVGEIV TKFGSQLNTY

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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 posttranslational 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!

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.

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Product Details	
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:	ECT2L
Alternative Name:	ECT2L (ECT2L Products)
Background:	Epithelial cell-transforming sequence 2 oncogene-like (Lung-specific F-box and DH domain- containing protein) (Putative guanine nucleotide exchange factor LFDH),FUNCTION: May act as a guanine nucleotide exchange factor (GEF). {ECO:0000250}.
Molecular Weight:	104.9 kDa
UniProt:	Q008S8
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.
Comment:	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!
Restrictions:	For Research Use only
Handling	
Format:	Liquid

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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