antibodies .- online.com





TLE1 Protein (AA 1-770) (Strep Tag)



Go to Product pag

Overview

Quantity:	1 mg
Target:	TLE1
Protein Characteristics:	AA 1-770
Origin:	Mouse
Source:	Tobacco (Nicotiana tabacum)
Protein Type:	Recombinant
Purification tag / Conjugate:	This TLE1 protein is labelled with Strep Tag.
Application:	ELISA, Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Sequence:

MFPQSRHPTP HQAAGQPFKF TIPESLDRIK EEFQFLQAQY HSLKLECEKL ASEKTEMQRH
YVMYYEMSYG LNIEMHKQTE IAKRLNTICA QVIPFLSQEH QQQVAQAVER AKQVTMAELN
AIIGQQQLQA QHLSHGHGPP VPLTPHPSGL QPPGIPPLGG SASLLALSSA LSGQSHLAIK
DDKKHHDAER HRDRESGTSN SLLVPDSLRS TDKRRNGPEF SSDIKKRKVD DKDNYDSDGD
KSDDNLVVDV SNEDPSSPHA SPTHSPRENG IDKNRLLKKD ASGSPASTAS SGSSSSLKSK
EVSLHEKANT PVLKSSTPTP RSDMPTPGTS ATPGLRPGLG KPPAMEPLVN QAAAGLRTPL
AVPGPYPAPF GMVPHAGMNG ELTSPGAAYA GLHSMSPQMS AAAAAAAAAV VAYGRSPMVG
FDPPHMRVP SIPPNLAGIP GGKPAYSFHV TADGQMQPVP FPPDALIGPG IPRHARQINT
LNHGEVVCAV TISNPTRHVY TGGKGCVKVW DISHPGNKSP VSQLDCLNRD NYIRSCKLLP
DGCTLIVGGE ASTLSIWDLA APTPRIKAEL TSSAPACYAL AISPDSKVCF SCCSDGNIAV
WDLHNQTLVR QFQGHTDGAS CIDISNDGTK LWTGGLDNTV RSWDLREGRQ LQQHDFTSQI
FSLGYCPTGE WLAVGMESSN VEVLHVNKPD KYQLHLHESC VLSLKFAYCG KWFVSTGKDN

LLNAWRTPYG ASIFQSKESS SVLSCDISVD DKYIVTGSGD KKATVYEVIY

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 by multi-step, protein-specific process to ensure correct folding and modification.
- 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 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.

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 in several dilutions and is measured against its specific reference buffer.
- We use the Expasy's protparam tool to determine the absorption coefficient of each protein.

Purification:

Two step purification of proteins expressed in Almost Living Cell-Free Expression System

ing StrepTag urification step -PAGE and rn Blot.
urification step -PAGE and
-PAGE and
n Blot.
N:
oits NF-kappa-
FOXA2, and by
I HES1-
th TLE family
al function as
14515}.
ctional studies
offer a
offer a
offer a
ained from
ained from ed to produce
(

Application Details

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
Buffer:	The buffer composition is at the discretion of the manufacturer. If you have a special request, please contact us.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	Unlimited (if stored properly)