abcam

Product datasheet

Recombinant Human CLSTN3 protein ab182807

Description

Product name	Recombinant Human CLSTN3 protein
Purity	> 90 % SDS-PAGE. The final product was refolded using unique “temperature shift inclusion body refolding” technology and chromatographically purified.
Expression system	Escherichia coli
Accession	Q9BQT9
Protein length	Protein fragment
Animal free	No
Nature	Recombinant
Species	Human
Sequence	MASMTGGQQMGRGHHHHHHGNLYFQGGEFNKANKHKP WIEAEYQGIVMEN DNTVLLNPPLFALDKDAPLRYAGEICGFRLHGSGVPFEAVI LDKATGEGL IRAKEPVDCEAQKEHTFTIQAYDCGEGPDGANTKKSHKAT VHVRVNDVNE FAPVFVERLYRAAVTEGKLYDRILRVEAIDGDCSPQYSQIC YYEILTPNT PFLIDNDGNIENTEKLQYSGERLYKFTVTAYDCGKKRAADD AEVEIQVKP TCKPSWQGWNKRIEYAPGAGSLALFPGIRLETCDEPLWNI QATIELQTSH VAKGCDRDNYSERALRKLCGAATGEVDLLPMPGPNANW TAGLSVHYSQDS SLIYWFNGTQAVQVPLGGPSGLGSGPQDSLSDHFTLSFW MKHGVTPNKGK KEEETIVCNTVQNEDGFSHYSLTVHGCRIAFLYWPLLESAR PVKFLWKLE QVCDDEWHHYALNLEFPTVTLYTDGISFDPALIHDNGLIHP PRREPALMI GACWTEEKNKEKEKGDNSTDTTQGDPLSIHHYFHGYLAG FSVRSGRLESR EVIECLYACREGLDYRDFESLGKGMKVHVNPSQSLLTLEG DDVETFNHAL QHVAYMNTLRFATPGVRPLRLTTAVKCFSEESCVSIPEVE

GYVVVLQPDA
PQILLSGTAHFARPAVDFEGTNGVPLFPDLQITCSISHQVE
AKKDESWQG
TVTDTRMSDEIVHNLDGCEISLVGDDLDPERESLLLDTTSL
QQRGLELTN
TSAYLTIAGVESITVYEEILRQARYRLRHGAALYTRKFRLSC
SEMNGRYS
SNEFIVEVNVLHSMNRVAHPSHVLSSQQFLHRGHQPPPE
MAGHSLASSHR NSMIPSA

Predicted molecular weight	96 kDa including tags
Amino acids	20 to 847
Tags	His-T7 tag N-Terminus
Additional sequence information	T7-His-TEV cleavage site Tag (29aa) fusion at its N-terminal (NP_055533).

Specifications

Our **Abpromise guarantee** covers the use of **ab182807** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Applications	SDS-PAGE Functional Studies
Form	Liquid

Preparation and Storage

Stability and Storage	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -80°C. Avoid freeze / thaw cycle. pH: 8.00 Constituent: 0.32% Tris HCl Contains NaCl, KCl, EDTA, arginine, DTT and Glycerol.

General Info

Relevance	CLSTN3 may modulate calcium-mediated postsynaptic signals. It forms a complex with APBA2 and APP, stabilizes APP metabolism and enhances APBA2-mediated suppression of beta-APP40 secretion, due to the retardation of intracellular APP maturation (by similarity).
Cellular localization	Cell Membrane (Single-pass type I membrane protein), Endoplasmic reticulum and Golgi Apparatus.

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- Response to your inquiry within 24 hours
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