

Datasheet for ABIN7556927

CASS4 Protein (AA 1-804) (His tag)



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Overview

Quantity:	1 mg
Target:	CASS4
Protein Characteristics:	AA 1-804
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CASS4 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat Cass4 Protein expressed in mammalian cells.
Sequence:	<p>MRGTSIREGA PKTLLARALY DNHADCSDEL AFSRGDILTI VEQNPPESEG WWRCLLHGRQ</p> <p>GLAPANRLQV LRETPADRPC PLLPRGPDTD LTSSGAPYQV QDLISPPPQG PVYEPMRSWV</p> <p>EGPSPATAQV YELPESPSSA RIICEKTLSE PKQALSVLPR PTRASLPTLP SQVYDVPVQR</p> <p>QGFSTLERLE KQQFYDIPTS SQKALLHSST SQGRDVTLP TMAFRQGGGY NPLSSPQKSE</p> <p>RIHDTPLVLE KADVRNVSMST SFTKDSGSRA IPGSSAVHTG AVALSPQLGN TVQRKNSLPE</p> <p>EPTYAFPTSR DPLPSDAGGS YKVPSRFLIP RVEQQNTMPN IYDTPKAMQG VSHNAPKAMQ</p> <p>GVSLAGKELE RGREAPENSP WISGQTSFLS PDSRLSVAS SDSRASVVSS CSSISMDSSS</p> <p>GSSSEDSVKE LWMDVDFAKE TAVSLQHKVA SSAAGLLLFV SRTWRFKDSL ETNIHRIRRA</p> <p>ADHVEESVRE FLDFAQGVGG TACNLTDSTL QARIRDQLQT ISSSYQTLLD AKGSLDRCNW</p> <p>SLEVLVTDKV QNSLDDLRF VATARIVPED VKRFTSIVIA NGKLLFKQNC EKGEMDLKCE</p> <p>RCIRPPQRET ESYQESSPFD RQPTTEHSFE LARKNRVNVV WQQSPNLQEK GKPTMEGKSN</p>

Product Details

RNPDFHGMSP PPLTSPSPSG QNTERKIHLS KHSRLYFGAL FKAISVFASS LSNGQPPEVF
ITQSKLVITV GQKLVDTLCS ETQEKDERNE ILCGSSHLCG LLKDLALATK SAVIQYPPSPS
ALSLLQSEVE RLEHHSRKFR DTLE **Sequence without tag. The proposed Purification-Tag is based on experiences 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:	<div>Key Benefits:</div> <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.• Protein expressed in mammalian cells and purified in one-step affinity chromatography• The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.• State-of-the-art algorithm used for plasmid design (Gene synthesis). <p>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.</p> <p>If you are not interested in a full length protein, please contact us for individual protein fragments.</p> <p>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.</p>
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Purity:	> 90 % as determined by Bis-Tris Page, Western Blot
Grade:	custom-made

Target Details

Target:	CASS4
Alternative Name:	Cass4 (CASS4 Products)
Background:	Cas scaffolding protein family member 4,FUNCTION: Docking protein that plays a role in tyrosine kinase-based signaling related to cell adhesion and cell spreading. Regulates PTK2/FAK1 activity, focal adhesion integrity, and cell spreading (By similarity). {ECO:0000250}.
Molecular Weight:	88.6 kDa
UniProt:	Q08EC4

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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Restrictions:	For Research Use only
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Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months