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Datasheet for ABIN7564097

CASKIN1 Protein (AA 1-1431) (His tag)

Overview

Quantity:	1 mg
Target:	CASKIN1
Protein Characteristics:	AA 1-1431
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CASKIN1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Caskin1 Protein expressed in mammalian cells.
Sequence:	MGKEQELVQA VKAEDVGTAQ RLLQRPRPGK AKLLGSTKKI NVNFQDPDGF SALHHAALNG NTELISLLE AQAAVDIKDN KGMRPLHYAA WQGRKEPMKL VLKAGSAVNV PSDEGHIPLH LAAQHGHYDV SEMLLQHQS N PCMV DNSGKT PLDLACEFGR VGVVQLLLSS NMCAALLEPR PGDTTDPNGT SPLHLAAKNG HIDIIRLLLQ AGIDINRQTK SGTALHEAAL CGKTEVVRLL LDSGINAQVR NTYSQTALDI VHQFTTSQAS KEIKQLLREA SAALQVRATK DYCNNYDLTS LNVKAGDIIT VLEQHPDGRW KGC IHDNRTG NDRVGYFPSS LGEAIVK RAG SRTGSEPSPP QGGGSLGPSA PPEEIWVLRK PFAGGDRSGS LSNVAGGRST GGHALHAGSE GVKLLATVLS QKSVSESSPG DSPVKPPEGS SGAARSQPPA AHAGQVYGEQ PPKKLESASA SASEGKSAEA VSQWLATFQL QLYAPNFTSA GYDLPTISRM TPEDLTAIGV TKPGHRKKIT AEISGLNIPD WLPEHKPANL AVWL SMIGLA QYYKVLVDNG YENIDFITDI TWEDLQEIGI TKLGHQKKLM LAVRKLAE LQ KAEYSKYEGG PLRRKTPQSL EMMAIESPPP SEPAAAECQS PKMTTFQDSE LSGELQAALS GPAEAGAAAV EKSSNHL PPT PRTTSRESSL SGRARHISSS QELLGDGPPG

PGSPMSRSQE YLLDEGMAPG TPPKEVRSSR HGHSVKRASV PPVPGKPRQV LPSEGASHFTP
PQTPTKAQPG SPQALGGPHG PATAKVKPTP QLLPPTDRPM SPRSLPQSPT HRGFAYVLPQ
PVEGEVGPPA PGPAPPPVPA AVPTLCLPPE TDVEPGRPKK RAHSLNRYAA SDSEPERDEL
LVPAAGPYA TVQRRVGRSH SVRAPAGTDK NVNRSQSFAV RPRKKGPPPP PPKRSSSAMA
SANLADEPAP DVEAEDGRLG VRAQRRRASD LAGSVDTGSA GSVKSIAAML ELSSIGGGGR
AIRRPPEGHP TPRPASPEPG RVATVLASVK HKEAIGPDGE VNRRTLSG PVTGLLATAR
RGSGEPAEQS HFMEDGTARQ RLRGPAKGEA SAEGPPLARV EASATLKRI RAKSQQENV
KFILTESDTV KRRPKAKEPD TGPEPPPPPLS VYQNGTATVR RRPTSEQAGP PELPPPPPPA
EPPPADLMQL PPLPLPDGNA RKPVKPPVSP KPILSQPVSK IQGSPTPASK KVPLPGPGSP
EVKRAHGTPP PVSPKPPPPP TAPKPAKALA GLQSSSATPS PVPSPARQP AALIKPASSP
PSQSASPVKP PSPGTPALHV PAKPPRAAAS VVSGPPVASD CASPGDSARQ KLEETSACLA
AALQAVEEKI RQEDGQGPRP SSIEEKSTGS ILEDIGSMFD DLADQLDAML E **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.**

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- 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).

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.

If you are not interested in a full length protein, please contact us for individual protein fragments.

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.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target:	CASKIN1
Alternative Name:	Caskin1 (CASKIN1 Products)
Background:	Caskin-1 (CASK-interacting protein 1),FUNCTION: May link the scaffolding protein CASK to downstream intracellular effectors. {ECO:0000250}.
Molecular Weight:	150.5 kDa
UniProt:	Q6P9K8

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

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