Datasheet for ABIN7561367

C11orf73 Protein (AA 1-197) (His tag)

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Overview

Quantity:	1 mg
Target:	C11orf73
Protein Characteristics:	AA 1-197
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This C11orf73 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Hikeshi Protein expressed in mammalien cells.
Sequence:	MFGCLVAGRL VQTAAQQVAE DKFVFDLPDY ENINHVVVFM LGTIPFPEGM GGSVYFSYPD SNGVPVWQLL GFVTNGKPSA IFKISGLKSG EGSQHPFGAM NIVRTPSVAQ IGISVELLDS LAQQTPVGSA AVSSVDSFTQ FTQKMLDNFY NFASSFALSQ AQMTPNPSEM FIPANVVLKW YENFQRRLAQ NPLFWKT **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:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien cells and purified in one-step affinity chromatography • The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.

Product Details

	• 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, Western Blot
Grade:	custom-made

Target Details

Target:	C11orf73
Alternative Name:	Hikeshi (C11orf73 Products)
Background:	Protein Hikeshi (Lethal gene on chromosome 7 Rinchik 6 protein),FUNCTION: Acts as a specific nuclear import carrier for HSP70 proteins following heat-shock stress: acts by mediating the nucleoporin-dependent translocation of ATP-bound HSP70 proteins into the nucleus. HSP70 proteins import is required to protect cells from heat shock damages. Does not translocate ADP-bound HSP70 proteins into the nucleus (By similarity). May also be indirectly required for organization and/or function of the secretory apparatus in Club cells in lung. {ECO:0000250}.
Molecular Weight:	21.6 kDa
UniProt:	Q9DD02
Pathways:	Protein targeting to Nucleus

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.
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