

Datasheet for ABIN7558978
MBLAC1 Protein (AA 1-260) (His tag)



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Overview

Quantity:	1 mg
Target:	MBLAC1
Protein Characteristics:	AA 1-260
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MBLAC1 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Mblac1 Protein expressed in mammalian cells.
Sequence:	MNGPVRTEPL HGEIPLLASS GSYSVVLLR GYAEPQGAGD AVRADGTVTL VLPRGWASDS SRGLAPSADG GSKTALEEAV RGPILVDTGG PWARGALLEA LATQGVAPED VTLVVGTHGH SDHIGNLGLF PEAALLVSHD FCLPEGLYLP HGLCETQPLI LGSGLQVWAT PGHGGQRDVS VVVEGTS LGT VVAGDVFER LGDEDSWQAL SEDPVAQQRS RERILSVADV VVPGHGAPFR VVRETVKSSE DLICEGKAVA 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: <ul style="list-style-type: none">• Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- 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:	MBLAC1
Alternative Name:	Mblac1 (MBLAC1 Products)
Background:	Metallo-beta-lactamase domain-containing protein 1 (EC 3.1.27.-) (Endoribonuclease MBLAC1),FUNCTION: Endoribonuclease that catalyzes the hydrolysis of histone-coding pre-mRNA 3'-end. Involved in histone pre-mRNA processing during the S-phase of the cell cycle, which is required for entering/progressing through S-phase. Cleaves histone pre-mRNA at a major and a minor cleavage site after the 5'-ACCCA-3' and the 5'-ACCCACA-3' sequence, respectively, and located downstream of the stem-loop. May require the presence of the HDE element located at the histone pre-RNA 3'-end to avoid non-specific cleavage. {ECO:0000250 UniProtKB:A4D2B0}.
Molecular Weight:	26.9 kDa
UniProt:	Q8BWY4

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.
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Application Details

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