

Datasheet for ABIN7544089

L3HYPDH Protein (AA 1-354) (His tag)



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Overview

Quantity:	1 mg
Target:	L3HYPDH
Protein Characteristics:	AA 1-354
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This L3HYPDH protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant L3HYPDH Protein expressed in mammalian cells.
Sequence:	MESALAVPRL PPHDPGTPVL SVVDMHTGGE PLRIVLAGCP EVSGPTLLAK RRYMRQHLDH VRRRLMFEP R GHRDMYGAVL VPSELPDAHL GVLFLHNEGY SSMCGHAVLA LGRFALDFGL VPAPPAGTRE ARVNIHCPCG LVTA FVACED GRSHGPVRFH SVPAFVLATD LMVDVPGHGK VMVDIAYGGA FYAFVTA EKL GLDICS AKTR DLVDAASAVT EAVKAQFKIN HPDSEDLAFL YGTILTDGKD AYTKEPTTNI CVFADEQVDR SPTGSGVTAR IALQYHKGLL ELNQMR AFKS SATGSVFTGK AVREAKCGDF KAVIVEVSGQ AHYTG TASFI IEDDDPLRDG FLLK 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:

Product Details

- 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:	L3HYPDH
Alternative Name:	L3HYPDH (L3HYPDH Products)
Background:	Trans-3-hydroxy-L-proline dehydratase (EC 4.2.1.77) (Trans-L-3-hydroxyproline dehydratase),FUNCTION: Catalyzes the dehydration of trans-3-hydroxy-L-proline to Delta(1)-pyrroline-2-carboxylate (Pyr2C). May be required to degrade trans-3-hydroxy-L-proline from the diet and originating from the degradation of proteins such as collagen-IV that contain it. {ECO:0000269 PubMed:22528483}.
Molecular Weight:	38.1 kDa
UniProt:	Q96EM0

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