

Datasheet for ABIN7560717
KYNU Protein (AA 1-464) (His tag)



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Overview

Quantity:	1 mg
Target:	KYNU
Protein Characteristics:	AA 1-464
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This KYNU protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Kynu Protein expressed in mammalian cells.
Sequence:	<p>MEPSPLELPV DAVRRIAEL NCDPTDERVA LRLDEEDKLS HFRNCFYIPK MRDLPSIDL LVSEDDAIY FLGNSLGLQP KMVRTYLEEE LDKWAKMGAY GHDVGKRPWI VGDESIVSLM KDIVGAHEKE IALMNALTIN LHLLLLSFFK PTPKRHKILL EAKAFPSDHY AIESQIQLHG LDVEKSMRMV KPREGEETLR MEDILEVIEE EGDSIAVILF SGLHFYTGQL FNIPAITKAG HAKGCFVGF DLAHAVGNVEL RLHDWGVDFACWCSYKYLNS GAGGLAGAFV HEKHAHTVKP ALVGWFGHDL STRFNMDNKL QLIPGANGFR ISNPPILLVC SLHASLEVFQ QATMTALRRK SILLTGYLEY MLKHYHSDKN TENKGPIVNI ITPSRAEERG CQLTLTFSIP KKS VFKELEK RGVVCDKREP DGIRVAPVPL YNSFHDVYKF IRLLSILDS SERS 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.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different

Product Details

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:

KYNU

Alternative Name:

Kynu ([KYNU Products](#))

Background:

Kynureninase (EC 3.7.1.3) (L-kynurenine hydrolase),FUNCTION: Catalyzes the cleavage of L-kynurenine (L-Kyn) and L-3-hydroxykynurenine (L-3OHKyn) into anthranilic acid (AA) and 3-hydroxyanthranilic acid (3-OHAA), respectively. Has a preference for the L-3-hydroxy form. Also has cysteine-conjugate-beta-lyase activity. {ECO:0000255|HAMAP-Rule:MF_03017}.

Molecular Weight:

52.3 kDa

UniProt:

[Q9CXF0](#)

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