Datasheet for ABIN1656022

# WNT5A Protein (AA 21-359) (His tag)

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## Overview

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| Quantity: | 1 mg |
| Target: | WNT5A |
| Protein Characteristics: | AA 21-359 |
| Origin: | Pleurodeles waltl |
| Source: | Yeast |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This WNT5A protein is labelled with His tag. |
| Application: | ELISA |

## Product Details

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| Sequence: | IEANSWWSLA MNPVQIPEAY IVGAQPLCSQ LAGLSPGQKK LCQLYQDHMQ YIGEGAKTGI KECQYQFRHR RWNCSTVDNI SVFGRVMQIG SRETAFTYSI SAAGVVNAVS RACRAGELST CGCSRARRPK DLQRDWLWGG CGDNLDYGYR FAKEFVDARE REKIHQKGSY ESSRTLMNLH NNEAGRRTVY NLADVACKCH GVSGSCSLKT CWLQLADFRK VGDFLKEKYD SAASMKLNSR GKLVQVNSRF NPPTTNDLVY VDPSPDYCVR NESTGSMGTQ GRLCNKTSEG MDGCELMCCG RGYDQFKTVQ TERCHCKFHW CCYVKCKKCT EIVDQFVCK |
| Specificity: | Pleurodeles waltl (Iberian ribbed newt) |
| Characteristics: | Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalien cells or by baculovirus infection. Be aware about differences in price and lead time. |
| Purity: | > 90 % |

## Target Details

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| Target: | WNT5A |
| Alternative Name: | Protein Wnt-5a (WNT5A) (WNT5A Products) |
| Background: | Recommended name: Protein Wnt-5a.<br>Short name= PWnt-5a |
| UniProt: | O13267 |
| Pathways: | WNT Signaling, Cellular Response to Molecule of Bacterial Origin, Positive Regulation of Immune Effector Process, Production of Molecular Mediator of Immune Response, Regulation of Cell Size, Tube Formation |

## Application Details

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| Comment: | The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modificated such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Concentration: | 0.2-2 mg/mL |
| Buffer: | Tris-based buffer, 50 % glycerol |
| Handling Advice: | Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week |
| Storage: | -20 °C |
| Storage Comment: | Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C. |