Datasheet for ABIN7314440

# LEFTY2 Protein (AA 78-366) (His tag)

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## Overview

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| Quantity: | 50 µg |
| Target: | LEFTY2 |
| Protein Characteristics: | AA 78-366 |
| Origin: | Human |
| Source: | Human Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This LEFTY2 protein is labelled with His tag. |
| Application: | Western Blotting (WB), SDS-PAGE (SDS), ELISA, Mass Spectrometry (MS) |

## Product Details

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| Purpose: | Recombinant Human LEFTY2 Protein is produced by mammalian expression system and the target gene encoding Phe78-Pro366 is expressed fused with a Mouse Lefty-1 Propeptide (Leu22-Arg77) & 6His tag at the N-terminus. |
| Sequence: | LTGEQILGSL LQQLQLDQPP VLDKADVEGM VIPSHVRTQY VALLQHSHAS RSRGKRHHHH HHFSQSFREV AGRFLASEAS THLLVFGMEQ RLPPNSELVQ AVLRLFQEPV PKAALHRHGR LSPRSAQARV TVEWLRVRDD GSNRTSLIDS RLVSVHESGW KAFDVTEAVN FWQQLSRPRQ PLLLQVSVQR EHLGPLASGA HKLVRFASQG APAGLGEPQL ELHTLDLRDY GAQGDCDPEA PMTEGTRCCR QEMYIDLQGM KWAKNWVLEP PGFLAYECVG TCQQPPEALA FNWPFLGPRQ CIASETASLP MIVSIKEGGR TRPQVVSLPN MRVQKCSCAS DGALVPRRLQ P |
| Purity: | Greater than 95 % as determined by reducing SDS-PAGE. |
| Sterility: | 0.2 µm filtered |

## Target Details

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| Target: | LEFTY2 |
| Alternative Name: | LEFTY2 (LEFTY2 Products) |
| Gene ID: | 7044 |
| UniProt: | O00292 |

## Application Details

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| Application Notes: | Optimal working dilution should be determined by the investigator. |
| Restrictions: | For Research Use only |

## Handling

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| Format: | Lyophilized |
| Buffer: | Lyophilized from a 0.2 μm filtered solution of PBS, pH 7.4. |
| Handling Advice: | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. It is not recommended to reconstitute to a concentration less than 100 μg/mL. Dissolve the lyophilized protein in ddH2O. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | Lyophilized protein should be stored at -20°C, though stable at room temperature for 3 weeks. Reconstituted protein solution can be stored at 2-8°C for 2-7 days. Aliquots of reconstituted samples are stable at -20°C for 3 months. |