

Datasheet for ABIN7552356
AKR7L Protein (AA 1-331) (His tag)



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Overview

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| Quantity: | 1 mg |
| Target: | AKR7L |
| Protein Characteristics: | AA 1-331 |
| Origin: | Human |
| Source: | HEK-293 Cells |
| Protein Type: | Recombinant |
| Purification tag / Conjugate: | This AKR7L protein is labelled with His tag. |

Product Details

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| Purpose: | Custom-made recombinant AKR7L Protein expressed in mammalian cells. |
| Sequence: | MSRQLSRARP ATVLGAMEMG RRMDAPTSAA VTRAFLEIGH TEIDTAFLYS DGQSETILGG LGLRMGSSDC RVKIATKANP WIGNSLKPDS VRSQLETSK RLQCPRVDFL YLHAPDHSAP VEETLRACHQ LHQEGKFVEL GLSNYAAWEV AEICTLCKSN GWILPTVYQG MYSATTRQVE TELPCLRHF GLRFYAYNPL AGLLTGKYK YEDKDGKQPV GRFFGTQWAE IYRNHFHWKEH HFEGIALVEK ALQAAYGASA PSMTSAALRW MYHHSQLQGA HGDAVILGMS SLEQLEQNLA AAEEGPLEPA VVDAFNQAWH LFAHECPNYF 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.

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| Purity: | > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC) |
| Grade: | custom-made |

Target Details

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| Target: | AKR7L |
| Alternative Name: | AKR7L (AKR7L Products) |
| Background: | Aflatoxin B1 aldehyde reductase member 4 (EC 1.-.-) (AFB1 aldehyde reductase 3) (AFB1-AR 3) (Aldoketoreductase 7-like),FUNCTION: Can reduce the dialdehyde protein-binding form of aflatoxin B1 (AFB1) to the non-binding AFB1 dialcohol. May be involved in protection of liver against the toxic and carcinogenic effects of AFB1, a potent hepatocarcinogen (By similarity). {ECO:0000250}. |
| Molecular Weight: | 37.0 kDa |
| UniProt: | Q8NHP1 |

Application Details

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| 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

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| 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 |