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Datasheet for ABIN7504980 IL1RN Protein (AA 26-177)

Overview

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| Quantity: | 100 µg |
| Target: | IL1RN |
| Protein Characteristics: | AA 26-177 |
| Origin: | Human |
| Source: | Escherichia coli (E. coli) |
| Protein Type: | Recombinant |

Product Details

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| Sequence: | Arg26-Glu177 |
| Characteristics: | A DNA sequence encoding the Human IL-1Ra Protein(P18510)(Arg26-Glu177)was expressed with a polyhistidine tag at the N-terminus. |
| Purity: | >90 % as determined by reducing SDS-PAGE. |

Target Details

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| Target: | IL1RN |
| Alternative Name: | IL-1Ra (IL1RN Products) |
| Background: | <p>Background: Inhibits the activity of interleukin-1 by binding to receptor IL1R1 and preventing its association with the coreceptor IL1RAP for signaling. Has no interleukin-1 like activity. Binds functional interleukin-1 receptor IL1R1 with greater affinity than decoy receptor IL1R2, however, the physiological relevance of the latter association is unsure.</p> <p>Synonym: Interleukin-1 receptor antagonist protein,IL-1RN,IL-1ra,IRAP,ICIL-1RA,IL1</p> |

Target Details

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| | inhibitor,Anakinra,IL1RN,IL1F3,IL1RA |
| Molecular Weight: | 19.4 kDa |
| UniProt: | P18510 |
| Pathways: | NF-kappaB Signaling , Hormone Transport , Cancer Immune Checkpoints |

Application Details

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| Restrictions: | For Research Use only |
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Handling

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| Format: | Lyophilized |
| Buffer: | Lyophilized from sterile PBS, pH 7.4., 5 % trehalose, 5 % mannitol, 0.01 % tween-80. |
| Storage: | 4 °C,-20 °C,-80 °C |
| Storage Comment: | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Expiry Date: | 12 months |