

Product datasheet for **TP725195**

IL1 Receptor I (IL1R1) Human Recombinant Protein

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Recombinant Human IL-1R1 (C-His) |
| Species: | Human |
| Expression cDNA Clone or AA Sequence: | Asp21-Pro330 |
| Tag: | C-6His |
| Buffer: | Lyophilized from a 0.2 um filtered solution of PBS, pH7.4 |
| Note: | Recombinant Human IL-1R-1 is produced by our Mammalian expression system and the target gene encoding Asp21-Pro330 is expressed with a 6His tag at the C-terminus. |
| Stability: | 12 months from date of despatch |
| Locus ID: | 3554 |
| UniProt ID: | P14778 |
| Summary: | Interleukin 1 receptor, type I (IL-1R1) is an interleukin receptor that is a member of the interleukin-1 receptor family. IL-1R1 is expressed predominantly by T cells, fibroblasts, and endothelial cells. IL-1R1 mediates numerous cytokine-induced immune and inflammatory responses. It binds to interleukin-1 along with the coreceptor IL1RAP to form the high affinity interleukin-1 receptor complex which mediates interleukin-1-dependent activation of NF-kappa-B, MAPK and other pathways. The signaling involves the recruitment of adapter molecules such as TOLLIP, MYD88, and IRAK1 or IRAK2 via the respective TIR domains of the receptor/coreceptor subunits. Binding of IL-1R1 to antagonist IL1RN prevents association with IL1RAP to form a signaling complex. |



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