# Product datasheet for TP720670XL

## IL1RAP (NM_134470) Human Recombinant Protein

## Product data:

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| **Product Type:** | Recombinant Proteins |
| **Description:** | Purified recombinant protein of Human interleukin 1 receptor accessory protein (IL1RAP), transcript variant 2 |
| **Species:** | Human |
| **Expression Host:** | HEK293 |
| **Expression cDNA Clone or AA Sequence:** | Ser21-Gln356 |
| **Tag:** | C-His |
| **Predicted MW:** | 39.75 kDa |
| **Concentration:** | lot specific |
| **Purity:** | >95% as determined by SDS-PAGE and Coomassie blue staining |
| **Buffer:** | Provided lyophilized from a 0.2 µm filtered solution of 20 mM Tris-HCl, 150 mM NaCl |
| **Endotoxin:** | Endotoxin level is < 0.1 ng/µg of protein (< 1 EU/µg) |
| **Reconstitution Method:** | Always centrifuge tubes before opening. Do not mix by vortex or pipetting. Dissolve the lyophilized protein in ddH2O. It is not recommended to reconstitute a concentration less than 100 µg/ml. Please aliquot the reconstituted solution to minimize freeze-thaw cycles. |
| **Storage:** | Store at -80°C. |
| **Stability:** | Stable for at least 6 months from date of receipt under proper storage and handling conditions. |
| **RefSeq:** | NP_608273 |
| **Locus ID:** | 3556 |
| **UniProt ID:** | Q9NPH3 |
| **RefSeq Size:** | 2114 |
| **Cytogenetics:** | 3q28 |
| **RefSeq ORF:** | 1068 |
| **Synonyms:** | C3orf13; IL-1RAcP; IL1R3 |

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| **Summary:** | This gene encodes a component of the interleukin 1 receptor complex, which initiates signalling events that result in the activation of interleukin 1-responsive genes. Alternative splicing of this gene results in membrane-bound and soluble isoforms differing in their C-terminus. The ratio of soluble to membrane-bound forms increases during acute-phase induction or stress. [provided by RefSeq, Jul 2018] |
| **Protein Families:** | Druggable Genome, Secreted Protein, Transmembrane |
| **Protein Pathways:** | Apoptosis, Cytokine-cytokine receptor interaction |