

Product datasheet for **TP724188**

Human IL1A Protein, hFc Tag

Product data:

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| Product Type: | Recombinant Proteins |
| Description: | Human IL1A Protein, hFc Tag |
| Expression Host: | HEK293 |
| Tag: | C-Human Fc |
| Predicted MW: | The protein has a predicted molecular mass of 44.2 kDa after removal of the signal peptide. The apparent molecular mass of IL1A-hFc is approximately 35-55 kDa due to glycosylation. |
| Purity: | The purity of the protein is greater than 90% as determined by SDS-PAGE and Coomassie blue staining. |
| Reconstitution Method: | Lyophilized from sterile PBS, pH 7.4. Normally 5 % - 8% trehalose is added as protectants before lyophilization. |
| Storage: | Store at -20°C to -80°C for 12 months in lyophilized form. After reconstitution, if not intended for use within a month, aliquot and store at -80°C (Avoid repeated freezing and thawing). Lyophilized proteins are shipped at ambient temperature. |
| Stability: | 12 months from date of despatch |
| Synonyms: | IL-1 alpha, IL-1A, IL1, IL1-ALPHA, IL1F1 |
| Summary: | The protein encoded by this gene is a member of the interleukin 1 cytokine family. This cytokine is a pleiotropic cytokine involved in various immune responses, inflammatory processes, and hematopoiesis. This cytokine is produced by monocytes and macrophages as a proprotein, which is proteolytically processed and released in response to cell injury, and thus induces apoptosis. This gene and eight other interleukin 1 family genes form a cytokine gene cluster on chromosome 2. It has been suggested that the polymorphism of these genes is associated with rheumatoid arthritis and Alzheimer's disease. [provided by RefSeq, Jul 2008] |


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