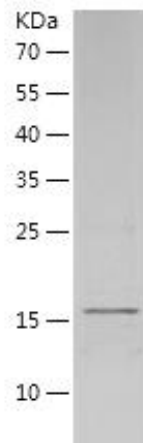


Recombinant Human IL-1A

Catalogue No.:	P4425
Species:	Human
Uniprot ID:	P01583
Expression Region:	113-271
Host:	E.Coli
Tags:	N-terminal His Tag
Molecular Weight:	17.4 kDa under reducing conditions
Purity:	Greater than 90% as determined by SDS-PAGE
Activity:	Measured in a cell proliferation assay using D10.G4.1 mouse helper T cells. The ED50 for this effect is 10-50 pg/mL.
Formulation:	Lyophilized from a 0.2 µm filtered solution in 10 mM Hepes, 150 mM NaCl with 5% trehalose, pH7.4.
Reconstitution:	Centrifuge the vial prior to opening, reconstitute in sterile distilled water or buffer of interest to concentration of 0.1-1mg/ml by gently pipetting 2-3 times, don't vortex.
Synonyms:	BAF, FAF, Hematopoietin 1, Hematopoietin-1, IL 1 alpha, IL 1A, IL-1 alpha, IL-1a, IL1, IL1 ALPHA, IL1A, IL1A_HUMAN, IL1F1, Interleukin 1 alpha

Storage:

The lyophilized protein is stable at -20°C for up to 1 year, the protein solution can be stored at $2-8^{\circ}\text{C}$ for up to 1 week under sterile condition. For extended storage, it is recommended to further dilute in a buffer containing 0.1% BSA (make sure BSA will NOT interfere with your experiment) and store in working aliquots at -20°C to -80°C for 6 months. Avoid repeated freeze/thaw cycle.

SDS-PAGE:**Safety Note:**

This product is intended for research and manufacturing uses only. It is not a diagnostic device. Product degradation will result from multiple freeze/thaw cycles. It is suggested that the antigen be stored in use size aliquots and thawed just prior to use. This material has been inactivated, however as with all biological materials, it should be handled as potentially infectious. The user assumes all responsibility for care, custody and control of the material, including its disposal, in accordance with all regulations.