

HumanKine® recombinant human IL-1 alpha protein

Animal Component-Free

Human cell expressed

Tag-Free

Endotoxin Free

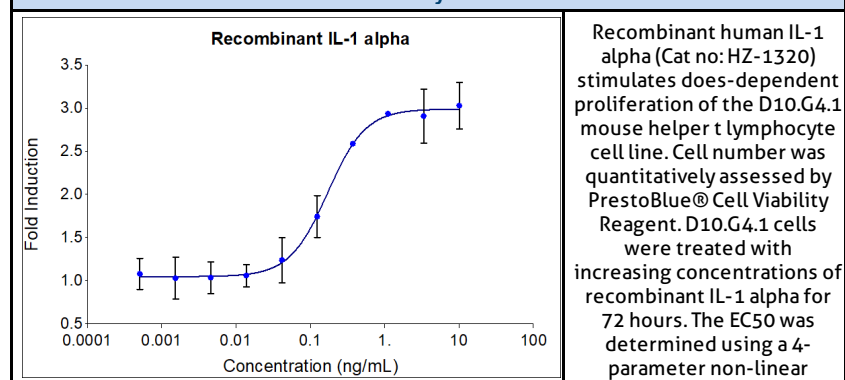
Product Description

Alternative Names	Hematopoietin 1, Pro-interleukin-1-alpha, IL1 alpha, IL1, IL1A, IL-1A, IL1-ALPHA, IL1F1, IL-1F1, preinterleukin 1 alpha, IL1F1hematopoietin-1, interleukin 1, alpha, interleukin-1 alpha, LAF, LEM
Source	Human Embryonic Kidney cells (HEK293). HEK293-derived IL-1 alpha protein
Species Reactivity	human,mouse

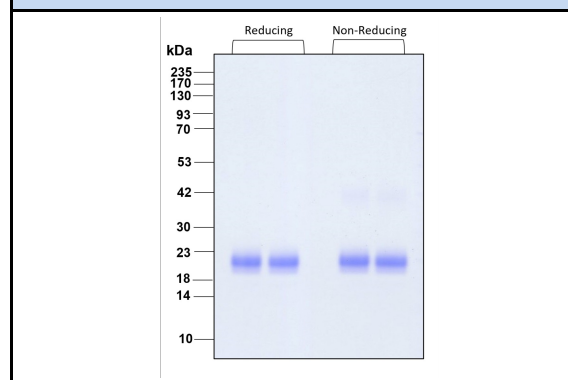
Specifications

Test	Method	Specification
Activity	Does-dependent proliferation of the D10.G4.1 mouse helper t lymphocyte cell line.	0.125-1.25 ng/mL in D10.G4.1 Cells
Molecular Mass	SDS-PAGE	22 kDa reduced and non-reduced, monomer, glycosylated
Purity	SDS-PAGE	>95%
Endotoxin	LAL	<1 EU/μg

Activity Data



SDS-PAGE



Preparation	
Shipping Temperature	ambient temperature
Formulation	1x PBS, See Certificate of Analysis for details
Reconstitution	Briefly centrifuge the vial before opening. It is recommended to reconstitute the protein to 0.2 mg/mL in sterile 1x PBS pH 7.4 containing 0.1% endotoxin-free recombinant human serum albumin (HSA). Gently swirl or tap vial to mix.

Stability and Storage	Product Form	Temperature Conditions	Storage Time (From Date of Receipt)
	Lyophilized	-20°C to -80°C	Until Expiry Date
	Lyophilized	Room Temperature	2 weeks
	Reconstituted as per CofA	-20°C to -80°C	6 months
	Reconstituted as per CofA	4°C	1 week
Avoid repeated freeze-thaw cycles.			

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