

Human IL-1 alpha Recombinant Protein

Product Details

Size	100 µg
Species	Human
Expression system	E. coli
Amino acid sequence	SAPFSFLSNV KYNFMRIIKY EFILNDALNQ SIIRANDQYL TAAALHNLDE AVKFDMGAYK SSKDDAKITV ILRISKTLQY VTAQDEDDQPV LLKEMPEIPK TITGSETNLL FFWETHGTKN YFTSVAHPNL FIATKQDYWV CLAGGPPSIT DFAQILENQA
Molecular weight	18 kDa
Class	Recombinant
Type	Protein
Purity	>95% by SDS-PAGE
Endotoxin concentration	<0.1 ng/µg
Activity	ED50 = 0.001 - 0.005 ng/mL; determined by the dose-dependent proliferation of mouse D10S cells.
Conjugate	Unconjugated
Form	Lyophilized
Purification	sequential chromatography
Contains	no preservative
Storage conditions	4° C

Applications	Tested Dilution	Publications
Western Blot (WB)	Assay-dependent	-
Immunohistochemistry (IHC)	Assay-dependent	-
ELISA (ELISA)	Assay-dependent	-
Functional Assay (FN)	Assay-dependent	-
Control (Ctrl)	Assay-dependent	-

Product Specific Information

Carrier-Free

Reconstitution: We recommend that the vial be briefly centrifuged prior to opening to bring the contents to the bottom. Lyophilized human IL-1 alpha should be reconstituted in deionized water to 0.1-1.0 mg/mL to regain full activity. These stock solutions should be apportioned into working aliquots and stored at -20°C. Further dilutions should be made in low endotoxin medium or buffered solution with heat inactivated FCS or tissue culture grade BSA. **Storage:** Lyophilized human IL-1 alpha should be stored at 2°C to 8°C, preferably desiccated. Store reconstituted human IL-1 alpha at -20°C (not in a frost-free freezer). Keep freeze-thaw cycles to a minimum.

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