Active Recombinant Mouse Il22 protein, hFc-tagged

Cat. No. IL22-3432M **Lot. No.** (See product label)

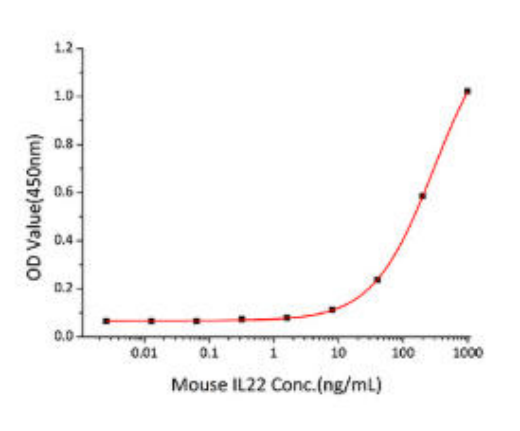
SPECIFICATION

Product Overview	Recombinant Mouse Il22 protein(Leu34-Val179), fused with C-terminal hFc tag, was expressed in HEK293.
Species	Mouse
Source	HEK293
ProteinLength	34-179 aa
Form	Lyophilized from a 0.22 μm filtered solution of PBS, pH 7.4.
Bio-activity	Measured by its ability to induce IL-10 secretion in COLO 205 human colorectal adenocarcinoma cells. The ED50 for this effect is 150-600 ng/mL.
Molecular Mass	42.60 kDa
Endotoxin	< 0.1 EU/μg of the protein by LAL method.
Purity	≥ 95 % as determined by SDS-PAGE.
Storage	Store at -20°C.Store the lyophilized protein at -20°C to -80°C up to 1 year from the date of receipt.After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.
Reconstitution	Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL

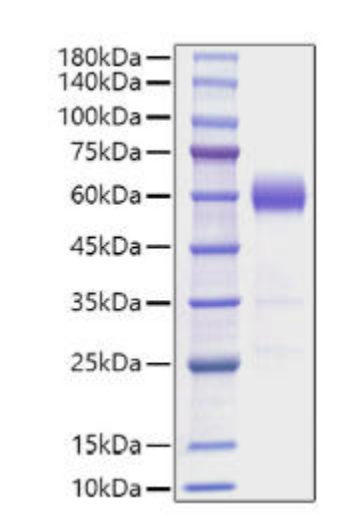
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	in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stablizer (e.g. 0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

GENE INFORMATION

Gene Name	Il22 interleukin 22 [Mus musculus]
Official Symbol	Il22
Synonyms	IL22; interleukin 22; interleukin-22; ILTIF alpha; IL-TIF alpha; interleukin-22a; IL-10-related T-cell-derived-inducible factor; interleukin 10-related T cell-derived inducible factor; IL-22; Iltif; IL-22a; ILTIFa; MGC129416; MGC129417;
Gene ID	50929
mRNA Refseq	NM_016971
Protein Refseq	NP_058667
Activity	

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