

Recombinant Human SHANK2 protein, His-tagged

Cat. No. SHANK2-25H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Active Recombinant Mouse IL22 Protein(Q9JJY9)(Leu34-Val179) is expressed from HEK293 with His tag at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	Leu34-Val179
Tag	N-His
Form	Lyophilized from 0.22 µm filtered solution in PBS (pH 7.4). Normally 8% trehalose is added as protectant before lyophilization.
Bio-activity	Immobilized Mouse IL-22, His Tag at 2µg/ml (100µl/well) on the plate. Dose response curve for Mouse IL-22R alpha 1, hFc Tag with the EC50 of 6.7ng/ml determined by ELISA.
Molecular Mass	The protein has a predicted MW of 17.73 kDa. Due to glycosylation, the protein migrates to 30-45 kDa based on Tris-Bis PAGE result.
Endotoxin	Less than 1EU per µg by the LAL method.
Purity	> 95% as determined by Tris-Bis PAGE > 95% as determined by HPLC

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Storage Store at -20 to -80°C for 12 months as supplied from date of receipt; -80°C for 3-6 months after reconstitution; 2-8°C for 2-7 days after reconstitution; Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.

Reconstitution Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/ml is recommended. Dissolve the lyophilized protein in distilled water.

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

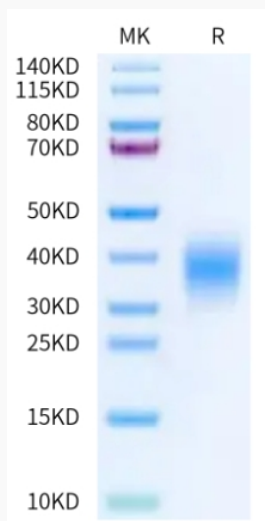
Protein Refseq NP_058667

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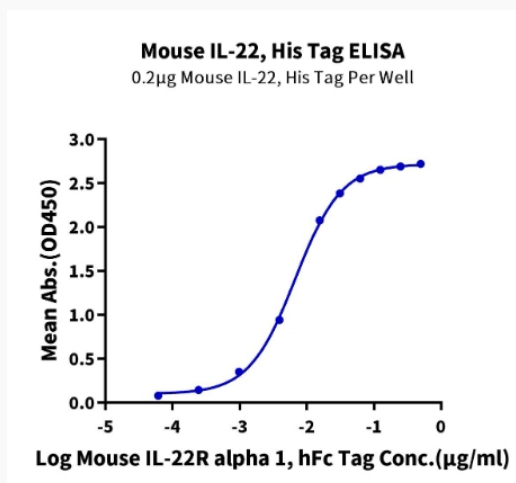
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Tris-Bis PAGE



ELISA Data



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