

Product Datasheet

Mouse IL-22 Antagonist protein orb426584

Description	Recombinant of mouse IL-22 Antagonist protein
Reactivity	Mouse
Conjugation	Unconjugated
Target	IL-22 Antagonist
Form/Appearance	Sterile Filtered White Lyophilized (freeze-dried) powder. IL-22 Antagonist Mouse is lyophilized from a concentrated (1mg/ml) solution in water containing NaHCO ₃ .
Storage	Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Note	For research use only.
Protein Sequence	The sequence of the first five N-terminal amino acids was determined and was found to be Ala-Leu-Pro-Val-Asn.
Purity	>98.0% as determined by:(a) Gel filtration chromatography under non-denaturing conditions.(b) Analysis by reducing and non-reducing SDS-PAGE Silver Stained gel.
Source	Escherichia Coli.
Activity	IL-22 E117A mutant is capable of full inhibition of STAT3 phosphorylation induced by mouse interleukin 22 in HepG cells. Its affinity toward immobilized mL-22 receptor α1 extracellular domain (mIL-22 Ra1-ECD) or IL-22 binding protein is similar to the non-mutated mouse interleukin 22. Mouse IL-22 antagonist (E117A) has very low agonistic activity in this bioassay.
Solubility (25°C)	It is recommended to reconstitute the lyophilized Interleukin -22 in sterile 18MΩ-cm H ₂ O not less than 100µg/ml, which can then be further diluted to other aqueous solutions.
Expiration Date	6 months from date of receipt.