Recombinant Zebrafish IL22 Protein, His-tagged

Cat. No. IL22-60Z **Lot. No.** (See product label)

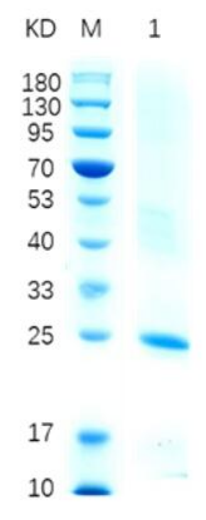
SPECIFICATION

Product Overview	Recombinant Zebrafish IL22 Protein, fused to His-tag, was expressed in E. coli.
Species	Zebrafish
Source	E.coli
Description	Acts upstream of or within defense response to Gram-negative bacterium; immune response; and regulation of inflammatory response. Is expressed in several structures, including caudal fin; gill; heart; liver; and pleuroperitoneal region. Orthologous to human IL22 (interleukin 22).
Form	Supplied as a 0.2 μm filtered solution in PBS, 1 mM DTT (pH8.0).
Molecular Mass	~25 kDa
AA Sequence	MHHHHHHMGDYAKGEKTTTVTYRHDIKAPEPQDALQVSTSRNNGVHKRTDTRIHSS TCDMKCFTLIALLCSCFLSGCARPTPLDSSATWNDLAAMTDTARNEDDHETRLLPYF SHDMLQEEGSCCINARILKYYVNHVLESDEHTDMKYPMIRNVREGLHRVEQELQNH CKHDYSSHPLVKQFKRNYHASAIMDLAAARNKAIGETNTLYHYLFESCTPK
Purity	>90%
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Concentration	0.13 mg/ml

GENE INFORMATION

Gene Name	il22 interleukin 22 [Danio rerio (zebrafish)]
Official Symbol	IL22
Synonyms	TIFa; IL-21; IL-22; ILTIF; IL-TIF; IL-D110; zcyto18; TIFIL-23
Gene ID	553964
mRNA Refseq	NM_001020792
Protein Refseq	NP_001018628
UniProt ID	Q5TLE4
SDS-PAGE	

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	12% reducing SDS-PAGE analysis of purified IL22 (approximately 2 mg protein loaded).

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