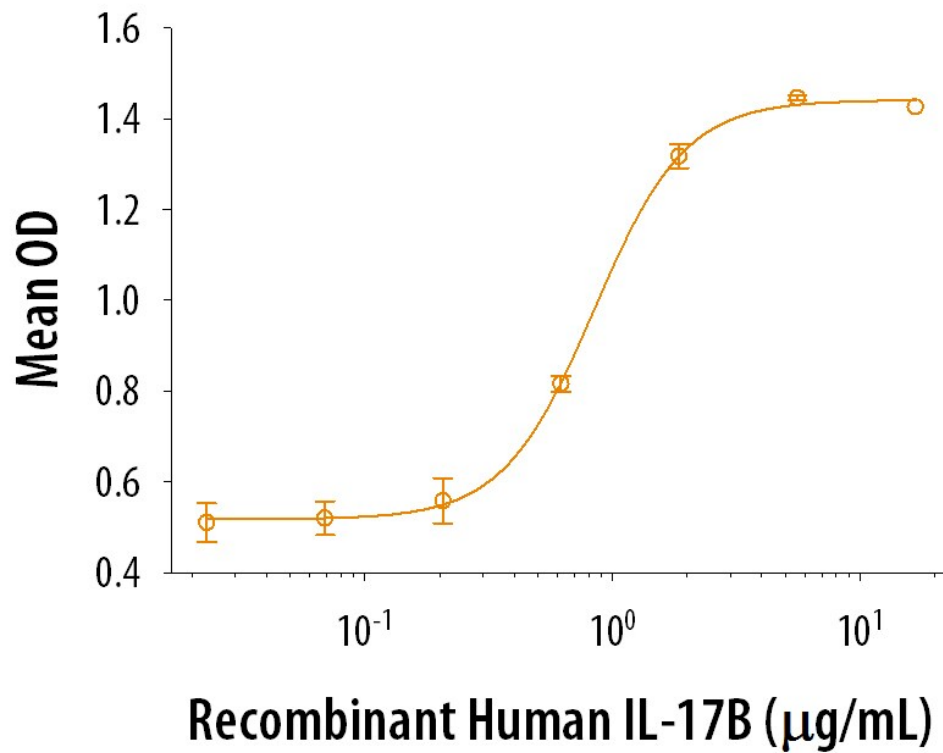


Recombinant Human IL17B Protein (Gln21-Phe180)

Product Information

Cat	IMP-10497
Official Symbol	IL17B
Product Overview	Recombinant human IL-17B protein (Gln21-Phe180) without tag was expressed in Chinese Hamster Ovary cell line.
Description	The protein encoded by this gene is a T cell-derived cytokine that shares sequence similarity with IL17. This cytokine was reported to stimulate the release of TNF alpha (TNF) and IL1 beta (IL1B) from a monocytic cell line. Immunohistochemical analysis of several nerve tissues indicated that this cytokine is primarily localized to neuronal cell bodies. Alternative splicing results in multiple splice variants.
Expression System	CHO
Species	Human
Tag	Tag Free
Predicted N Terminal	Gln21, Ser51&Gly102 Gln21 predicted, sequencing might be blocked
Form	Lyophilized from a 0.2 µm filtered solution in Sodium Phosphate and NaCl with BSA as a carrier protein.
Molecular Mass	Predicted Molecular Mass: 18 kDa (monomer) SDS-PAGE: 20-25 kDa, reducing conditions
Protein length	Gln21-Phe180
Bio-activity	Measured by its ability to induce IL-8 secretion by HepG2 human hepatocellular carcinoma cells. The ED50 for this effect is 0.4-2 µg/mL.
Endotoxin	
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
Notes	Noncovalently-linked homodimer
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 centigrade as supplied. 1 month, 2 to 8 centigrade under sterile conditions after reconstitution. 3 months, -20 to -70 centigrade under sterile conditions after reconstitution.
Reconstitution	Reconstitute at 100 µg/mL in PBS containing at least 0.1% human or bovine serum albumin.
Bioactivity-ELISA 1	



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