

Active Recombinant Mouse Il17b Protein, His-Tagged

Cat. No. II17b-01M Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Il17b Protein, His-tagged was expressed in E. coli cell
Species	Mouse
Source	E.coli
Description	The interleukin (IL)-17 superfamily, a relatively new family of cytokines, consists of six ligands (from IL-17A to IL-17F), which bind to five receptor subtypes (from IL-17RA to IL-17RE) and induce downstream signaling. L17B Diseases associated with IL17B include spondyloarthritis and neuronitis, and among its related super-pathways are Mucin expression in CF via IL-6, IL-17 signaling pathways, and STAT3 Pathway.
Form	Lyophilized powder
AA Sequence	MHPRNTKGKRKGQGRPSPLAPGPHQVPLDLVSRVKPYARMEYERNLGEMVAQL RNSSEPAKKKCEVNLQLWLSNKRSLSPWGYSINHD PSRIPADLPEARCLCLGCVNPFTMQEDRSMVSVPVFSQVPVRRRLCPQPPRPGPC RQRVVMETIAVGCTCIF with polyhistidine tag at the C-terminus
Endotoxin	<0.1 EU per 1 µg of the protein by the LAL method.
Bio-activity	Measure by its ability to induce IL-8 secretion in HepG2 cells. The ED50 for this effect is <1.5 ng/mL.
Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography

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Storage Buffer	The protein was lyophilized from a solution containing 1X PBS, pH 7.4.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H2O to a concentration not less than 100 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Storage	Lyophilized protein should be stored at -20°C. Upon reconstitution, protein aliquots should be stored at -20°C or -80°C.
Notes	Please use within one month after protein reconstitution.

GENE INFORMATION

Gene Name	Il17b interleukin 17b [<i>Mus musculus</i> (house mouse)]
Official Symbol	Il17b
Synonyms	Zcyto7; 1110006O16Rik; 1700006N07Rik
Gene ID	56069
mRNA Refseq	NM_019508.1
Protein Refseq	NP_062381.1
UniProt ID	Q9CTI4

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