

Active Recombinant Mouse Il17d Protein, His-Tagged

Cat. No. Il17d-01M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Il17d Protein, His-tagged was expressed in E. coli cell
Species	Mouse
Source	E.coli
Description	The protein encoded by this gene is a cytokine that shares the sequence similarity with IL17. The treatment of endothelial cells with this cytokine has been shown to stimulate the production of other cytokines including IL6, IL8 and CSF2/ GM-CSF. The increased expression of IL8 induced by this cytokine was found to be NF-kappa B-dependent.
Form	Lyophilized powder
AA Sequence	ALRTGRRPARPRDCADRPEELLEQLYGRLAAGVLSAFHHTLQLGPREQARNASCPA GGRAADRRFRPPTNLRVSPWAYRISYDPAFPRYL PEAYCLCRGCLTGLYGEEDFRFRSTPVSFAVVLRRTAACAGGRSVYAEHYITIPVG CTCVPEPDKSADSANSSMDKLLLPADRPAGR with polyhistidine tag at the N-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.

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Purity	>98% as determined by SDS-PAGE. Ni-NTA chromatography
Storage Buffer	The protein was lyophilized from a solution containing 20 mM sodium citrate, 0.2 M NaCl, pH 4.5.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O 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	Il17d interleukin 17D [Mus musculus (house mouse)]
Official Symbol	Il17d
Synonyms	IL-17D
Gene ID	239114
mRNA Refseq	NM_145837.4
Protein Refseq	NP_665836.2
UniProt ID	A0A0B4J1G4

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