

Active Recombinant Mouse Il17d Protein, His-Tagged

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

SPECIFICATION

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|-------------------------|---|
| 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 GGRAADRRFRPPTNLRSVSPWAYRISYDPAFPRYL PEAYCLCRGCLTGLYGEEDFRFRSTPVFSPAIVLRRTAACAGGRSVYAEHYITIPVG CTCVPEPDKSADSANSSMDKLLLGPADRPAGR 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. |

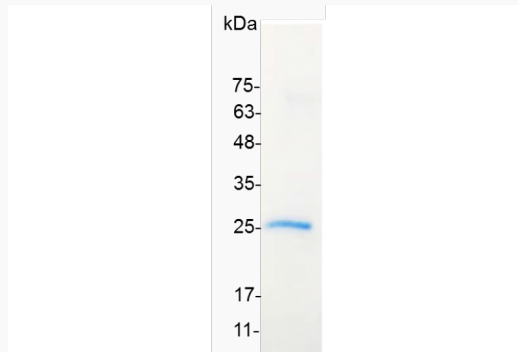
GENE INFORMATION

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|------------------------|---|
| Gene Name | Il17d interleukin 17D [<i>Mus musculus</i> (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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