

Recombinant Human IL17D Protein (Phe29-Pro243), C-His tagged, Animal-free, Carrier-free

Cat. No. IL17D-247H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human IL17D Protein (Phe29-Pro243) with C-His tag was expressed in E. coli and Animal-free as well as Carrier-free.
Species	Human
Source	E.coli
ProteinLength	Phe29-Pro243
Description	Interleukin 30 (IL-30) is a 27 kDa cytokine with 216 amino acid residues. IL-30, also known as IL-27A, forms a complex named IL-27 with Ebi3 and is secreted from cells of myeloid origin, such as monocytes, macrophages, and dendritic cells. IL-30 /Ebi3 complex mediates T-cell immunity, promoting Th1 differentiation, inhibiting Th2 differentiation, and inhibiting Th17 differentiation. IL-30 also can be secreted independently of Ebi3 and modulate bacteria-induced oxidative burst and cytokine production.
Form	Lyophilized
Molecular Mass	The protein has a calculated MW of 25.47 kDa. The protein migrates as 28 kDa under reducing condition (SDS-PAGE analysis).
Endotoxin	< 0.1 EU/μg of the protein by the LAL method.

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Purity	>98% as determined by SDS-PAGE analysis.
Storage	This product is stable after storage at: -20 centigrade for 12 months in lyophilized state from date of receipt. -20 or -80 centigrade for 1 month under sterile conditions after reconstitution. Avoid repeated freeze/thaw cycles.
Storage Buffer	Lyophilized from a 0.2 µm filtered solution of PBS, pH 8.0.
Reconstitution	It is recommended to reconstitute the lyophilized protein in sterile H ₂ O to a concentration not less than 200 µg/mL and incubate the stock solution for at least 20 min to ensure sufficient re-dissolved.
Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at -20 centigrade or lower for long term storage.

GENE INFORMATION

Gene Name	IL17D interleukin 17D [Homo sapiens (human)]
Official Symbol	IL17D
Synonyms	IL17D; interleukin 17D; IL-17D;
Gene ID	53342
mRNA Refseq	NM_138284
Protein Refseq	NP_612141
MIM	607587

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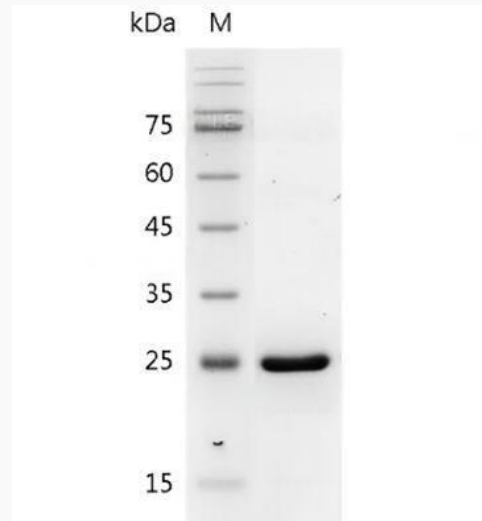
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UniProt ID

Q8NEV9

**SDS-PAGE analysis
of recombinant
human IL-30.**



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