

Human IL-17E / IL-25

Synonyms: IL-25, IL-17E, IL17E, IL25, Interleukin-25, Interleukin-17E.

PLEASE NOTE: ALWAYS CENTRIFUGE VIAL BEFORE OPENING

Size	Order #	Lot #	Expiry Date
5 µg	1569.950.005		
25 µg	1569.950.025		
1 mg	1569.950.199		

Please enquire for bulk quantities and other vial sizes

Description

Interleukin-17E Human Recombinant produced in *E.Coli* is a non-glycosylated disulfide-linked homodimer containing 2x145 amino acids (with an N-terminal Methionine for each chain total aa for each chain 146) and having a total predicted molecular mass of 33.7kDa.

- **Biological Activity** 3.8 x 10⁴ units/mg
- **Source** *E. Coli*
- **Purity** ≥ 95 % (SDS-PAGE)
- **Endotoxin level** ≤ 0.1ng/µg (≤ 1EU/µg)
- **Buffer** Lyophilized from a concentrated (1mg/ml) solution containing no additives*
- **Physical state** Sterile filtered, lyophilized

Biological Activity

The ED₅₀ as determined by the dose-dependent production of IL-8 by Human PBMCs is 26-40ng/ml, corresponding to a specific activity of 3.8x10⁴ units/mg.

Reconstitution

It is recommended to reconstitute the lyophilized Interleukin Human IL25 in sterile 10mM HCl not less than 100µg/ml, which can then be further diluted to other aqueous solutions.

Stability

Lyophilized Interleukin Human IL17E although stable at room temperature for 3 weeks, should be stored desiccated below -18°C. Upon reconstitution Human IL-25 should be stored at 4°C between 2-7 days and for future use below -18°C. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). **Please avoid repeated freeze-thaw cycles.**

Amino Acid Sequence

MYSHWPSCCP SKGQDTSEEL LRWSTVPVPP LEPARPNRHP ESCRASEDGP LNSRAISPWR YELDRDLNRL
PQDLYHARCL CPHCVSLQTG SHMDPRGNSE LLYHNQTVFY RRPCHGEKGT HKGYCLERRL YRVSLACVCV
RPRVMG

Usage: For research use only. Not for use in diagnostic or therapeutic procedures. Not for human use.

*The Buffer may vary depending on the Lot #. Please contact our technical support if you have specific requirements.

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