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## Product Data Sheet

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Product Name: IL17A Mouse, Sf9

Cat. No.: GP26055

Batch No.: 1

**Product Data**

Purity	>98%	Source	Sf9, Baculovirus cells.
Physical Appearance	solid	Shipping Condition	withIcePacks
Synonyms	IL17A, CtlA-8, CtlA8, IL-17, IL-17A, IL17, Interleukin-17A, Cytotoxic T-lymphocyte-associated antigen 8, CTLA-8.		
Amino Acid Sequence	AAIIPQSSAC PNTEAKDFLQ NVKVNLIKVFN SLGAKVSSRR PSDYLNRRSTS PWTLHRNEDP DRYPSVIWEA QCRHQRCVNA EGKLDHMMNS VLIQQEILVL KREPESCPFT FRVEKMLVGV GCTCVASIVR QAALEHHHHH H		
Formulation	The IL17A solution (0.5mg/ml) contains 10% Glycerol and Phosphate-Buffered Saline (pH 7.4).		

**Introduction**

Interleukin-17A or IL17A is a cytokine, that has a crucial part in chronic & anti-microbial inflammation. Mouse, rat and human share approximately 60% resemblance in the amino acid sequence. IL17A enhances mucosal & epidermal inflammation when an infection from bacteria occurs, it causes production of chemokines, influx of neutrophils & antibacterial proteins production.

**Stability**

Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

**Background**

IL17A Mouse produced in Sf9 Baculovirus cells is a single, glycosylated polypeptide chain containing 141 amino acids (26-158 a.a) and having a molecular mass of 16kDa. IL17A is fused to an 8 amino acid His tag at C-terminus and purified by proprietary chromatographic techniques.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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