

Recombinant Thymic Stromal Lymphopoietin (TSLP)

Catalog No.: TP04323 100µg

Sequence Information		
Species: Human	Gene ID:85480	
Swiss Prot:Q969D9	Synonyms: Thymic stromal lymphopoietin	
Residues:Tyr29~Gln159		
YDFTNCDFEKIKAAYLSTISKDLITYMSGTKSTEFNNTVSCSNRPHCLTEIQSL		
TFNPTAGCASLAKEMFAMKTKAALAIWCPGYSETQINATQAMKKRRKRKVTTNK		
CLEQVSQLQGLWRRFNRPLLKQQ		
Product Information		
Source: Recombinant expression.		
Host: E.coli		
Tags: N-terminal His-Tag		
Subcellular Location: Secreted.		
Purity: >90%		
Traits: Freeze-dried powder		
Buffer formulation: PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and		
Proclin300.		
Original Concentration: 200µg/mL		
Applications: Positive Control; Immunogen; SDS-PAGE; WB.		
(May be suitable for use in other assays to be determined by the end user.)		
Predicted isoelectric point: 9.6		
Predicted Molecular Mass: 17.8kDa		
Accurate Molecular Mass: 18kDa as determined by SDS-PAGE reducing conditions.		

[<u>USAGE</u>]

Reconstitute in ddH_2O to a concentration of 0.1-0.5 mg/mL. Do not vortex.

[STORAGE AND STABILITY]

Storage: Avoid repeated freeze/thaw cycles.

Store at 2-8°C for one month.

Aliquot and store at -80°C for 12 months.

Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is



less than 5% within the expiration date under appropriate storage condition.

[IDENTIFICATION]

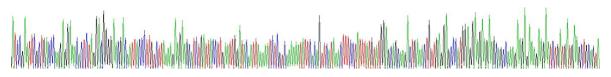


Figure 1. Gene Sequencing (Extract)

KDa	
180 130	
100	
70	
55	-
40	
35	
25	
15	
10	_

Figure 2. SDS-PAGE

[IMPORTANT NOTE]

The kit is designed for in vitro and research use only, we will not be responsible for any issue if the kit was used in clinical diagnostic or any other procedures.