

Product Datasheet

Recombinant Human IL-17/IL-17A Protein NBP2-35040-5ug

Unit Size: 5ug

Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.

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NBP2-35040-5ug

Recombinant Human IL-17/IL-17A Protein

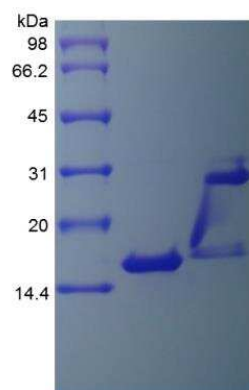
Product Information	
Unit Size	5ug
Concentration	Lyoph
Storage	Store at -20 to -70C as supplied. After reconstitution, store at 2 to 8C for 1 month and at -20 to -70C for long term storage. Avoid repeated freeze-thaw cycles.
Preservative	No Preservative
Reconstitution Instructions	Recommended to centrifuge prior to opening. Reconstitute in 4 mM HCl to a concentration of 0.1-1.0mg/mL.
Purity	>95%, by SDS-PAGE and HPLC
Buffer	Lyophilized from a 0.2 um filtered concentrated solution in PBS, pH 7.4.
Target Molecular Weight	31 kDa

Product Description	
Description	A disulfide-linked homodimer of two 132 amino acid polypeptide chains corresponding to IL-17/IL-17A Source: <i>E. coli</i> Uniprot ID: Q16552 Amino Acid Sequence: GITIPRNPGC PNSEDKNFPR TVMVNLNIHN RNTNTNPKRS SDYYNRSTSP WNLHRNEDPE RYPSVIWEAK CRHLGCINAD GNVDYHMNSV PIQQEILVLR REPPHCPNSF RLEKILVSVG CTCVTPIVHH VA
Gene ID	3605
Gene Symbol	IL17A
Species	Human
Details of Functionality	IL-17/IL-17A protein is fully biologically active when compared to standard. The ED50 as determined by inducing IL-6 secretion of murine NIH/3T3 cells is less than 7.5 ng/ml, corresponding to a specific activity of > 1.3 x 10 ⁵ IU/mg.
Endotoxin Note	Less than 1 EU/ug of IL-17/IL-17A as determined by LAL method.

Product Application Details	
Applications	SDS-Page, Bioactivity
Recommended Dilutions	SDS-Page, Bioactivity

Images

SDS-Page: Human IL-17/IL-17A Protein [NBP2-35040]



Publications

Liu G, Wu H, Chen L et al. Effects of interleukin-17 on human retinal vascular endothelial cell capillary tube formation in vitro. Mol Med Rep. 2017-07-01 [PMID: 28560397]

Shimizu S, Yonezawa K, Haruna M et al. Relationship between facial skin problems with a focus on inflammatory cytokines and the presence of Malassezia in 1-month-old infants Scientific reports 2023-03-28 [PMID: 36977695] (WB, Human)

Wei L, Wang H, Yang F et al. Interleukin-17 potently increases non-small cell lung cancer growth. Mol Med Rep. 2016-02-01 [PMID: 26708832]

Details:

This citation used the HRP version of this antibody.





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Products Related to NBP2-35040-5ug

NBP2-35222-5ug	Recombinant Rat IL-17/IL-17A Protein
210-TA-005	TNF-alpha [Unconjugated]
DY421-05	IL-17/IL-17A [Biotin]
M6000B-1	IL-6 [HRP]

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Peptides and proteins are guaranteed for 3 months from date of receipt.

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