

Interleukin 17C Recombinant Protein | IL17C recombinant protein

Recombinant Interleukin 17C (IL17C)

CATALOG # AAA144265	HOST E. coli	APPLICATIONS Western Blot, SDS-Page
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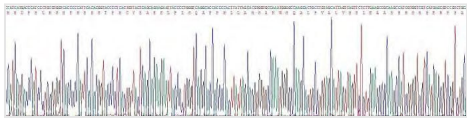
PRODUCT SYNONYMS

Interleukin 17C; Recombinant Interleukin 17C (IL17C); IL17C recombinant protein

PRODUCT SPECIFICATIONS

Host	E. coli
Purity/Purification	> 95%
Form/Format	20mM Tris, 150mM NaCl, pH8.0, containing 0.01% SKL, 5% Trehalose.
Concentration	Original Concentration: 200ug/mL (varies by lot)
Applicable Applications for IL17C recombinant protein	WB (Western Blot), SDS-PAGE, Immunogen, Positive Control
Organism Species	Homo sapiens (Human)
Source	Prokaryotic expression
Residues	His19~Val197
Tags	N-terminal His Tag
Subcellular Location	Secreted
Traits	Freeze-dried powder
Predicted isoelectric point	8.2
Phenomenon explanation	The possible reasons that the actual band size differs from the predicted are as follows: 1. Splice variants: Alternative splicing may create different sized proteins from the same gene. 2. Relative charge: The composition of amino acids may affects the charge of the protein. 3. Post-translational modification: Phosphorylation, glycosylation, methylation etc. 4. Post-translation cleavage: Many proteins are synthesized as pro-proteins, and then cleaved to give the active form. 5. Polymerization of the target protein: Dimerization, multimerization etc.
Usage	Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.
Preparation and Storage	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.

IMAGES



HH DPSLRGPHS HGTPHCYSAE ELPLGQAPPH
LLARGAKWGO ALPVALVSSL EAASHRGRHE RPSATTQCPV LRPEEVLEAD
THQRSISPWR YRVDTDEDY PQLAFAECL CRGCIDARTG RETAALNSVR
LLQSLVLRR RPCSRDGSGL PTPGAFAFHT EFIHVPVGCT CVLPRSV

Sequence

Gene Sequence
Gene Sequencing (extract)

NCBI AND UNIPROT INFORMATION

NCBI GI #	7019435
NCBI GeneID	27189
NCBI Accession #	NP_037410.1
NCBI GenBank Nucleotide #	NM_013278.3
Molecular Weight	Predicted Molecular Mass: 21.0kDa Accurate Molecular Mass: 25kDa as determined by SDS-PAGE reducing conditions.
NCBI Official Full Name	interleukin-17C
NCBI Official Synonym Full Names	interleukin 17C
NCBI Official Symbol	IL17C
NCBI Official Synonym Symbols	CX2; IL-17C
NCBI Protein Information	interleukin-17C
UniProt Protein Name	Interleukin-17C
UniProt Gene Name	IL17C
UniProt Synonym Gene Names	IL-17C
UniProt Entry Name	IL17C_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/il17c-recombinant-protein-e-coli-wb-western-blot-sds-page-immunogen-positive-control/144265>