

Interleukin 13 Recombinant Protein | IL13 recombinant protein

Recombinant Interleukin 13 (IL13)

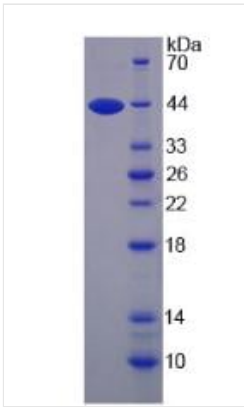
CATALOG # AAA144332	HOST Host: E ColiSource: Prokaryotic expression	APPLICATIONS Immunoprecipitation, ELISA, Western Blot, SDS-Page
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PRODUCT SYNONYMS

Interleukin 13; Recombinant Interleukin 13 (IL13); IL13 recombinant protein

PRODUCT SPECIFICATIONS

Host	Host: E Coli Source: Prokaryotic expression
Purity/Purification	>90%
Form/Format	Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.
Sequence	The target protein is fused with two N-terminal Tags. His-tag and GST-tag. Its sequence is listed below. SPVPSAT ALKELIEELV NITQNQKVPL CNGSMVWSLN LTSSMYCAAL DSLISISNCS VIQRTKRMLN ALCPHKPSAK QVSSEYVRDT KIEVAQFLKD LLRHSRIVFR NERFN
Sequence Length	146
Applicable Applications for IL13 recombinant protein	IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE
Predicted Molecular Mass	42.6kDa
Accurate Molecular Mass (KD)	43kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Expression System	Prokaryotic expression
Tag	two N-terminal Tags, His-tag and S-tag
Organism Species	Bos taurus; Bovine (Cattle)
Fragment	Ser21~Asn132
Usage	Reconstitute in sterile PBS, pH7.2-pH7.4.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months. Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. The loss of this protein is less than 5% within the expiration date under appropriate storage condition.



Sequence

SPVPSATALK	ELIEELVNIT	QNQKVPLCNG
SMVWSLNLT	SMYCAALDSL	ISISNCVSIQ
RTKRMLNALC	PHKPSAKQVS	
SEYVRDTKIE	VAQFLKDLLR	HSRIVFRNER
FN		

SDS-PAGE

NCBI AND UNIPROT INFORMATION

NCBI GI #	26787978
NCBI GeneID	3596
NCBI Accession #	NP_002179.2
NCBI GenBank Nucleotide #	NM_002188.2
Molecular Weight	15,816 Da
NCBI Official Full Name	interleukin-13
NCBI Official Synonym Full Names	interleukin 13
NCBI Official Symbol	IL13
NCBI Official Synonym Symbols	P600; IL-13
NCBI Protein Information	interleukin-13
UniProt Protein Name	Interleukin-13
UniProt Gene Name	IL13
UniProt Synonym Gene Names	NC30; IL-13
UniProt Entry Name	IL13_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.