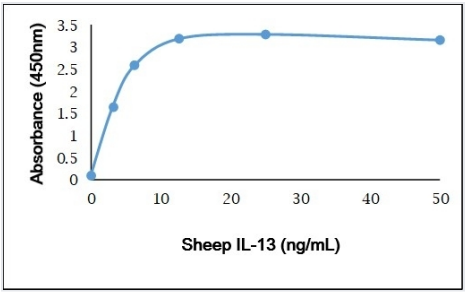
Interleukin-13 (IL-13) Sheep Recombinant Protein

PRODUCT OVERVIEW

Product Name	INTERLEUKIN-13 (IL-13), Recombinant Protein
Full Product Name	RECOMBINANT SHEEP INTERLEUKIN-13
Product Gene Name	IL-13 recombinant protein
Product Synonym Names	IL-13
Species Reactivity	Sheep
Form/Format	Purified recombinant protein, lyophilized. Phosphate buffered saline Recombinant protein expressed in Pichia pastoris and purified by ion-exchange chromatography
Purity/Purification	>95% by SDS PAGE analysis
Specificity	IL-13
Preparation and Storage	Prior to reconstitution store at -20 degree C. After reconstitution store at -20 degree C. Storage in frost-free freezers is not recommended. This product should be stored undiluted.
Molecular Weight	12.4kDa
Preservative Stabilizers	10% Trehalose
Reconstitution	Reconstitute with 20ul sterile PBS containing 0.1% carrier proteinCare should be taken during reconstitution as the protein may appear as a film at the bottom of the vial. We recommend that the vial is gently mixed after reconstitution.
Applications Tested/Suitable for IL-13 recombinant protein	ELISA (EIA), Western Blot (WB)
Application Notes for IL-13 recombinant protein	ELISA: This reagent may be used as a standard in a sandwich ELISA assay in conjunction with as a coating antibody and as a detection antibody. Flow Cytometry: Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using appropriate negative/positive controls.
Related Product Information for IL-13 recombinant protein	Recombinant Sheep Interleukin-13 (IL-13) is a recombinant protein corresponding to aa 19-132 of native sheep IL-13. Sheep IL-13 is produced by activated T helper type 2 (Th2) cells and is implicated as a central mediator of the physiological changes induced by allergic inflammation. Studies suggest that increases in IL-13 play a role in allergen-induced airway hyperresponsiveness in sheep asthma.
Other Notes	Small volumes of IL-13 recombinant protein vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for IL-13 purchase	MBS226067 is a recombinant protein targeting IL-13. Also known as RECOMBINANT SHEEP INTERLEUKIN-13. Reactive in Sheep.



ELISA (EIA) of IL-13 recombinant protein
Sheep Interleukin-13 ELISARecombinant Sheep Interleukin-13 detected using Rabbit anti Sheep Interleukin-13 as the capture reagent and Rabbit anti Sheep Interleukin-13:Biotin as the detection reagent followed by Streptavidin:HRP.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for IL-13. It may not necessarily be applicable to this product.

Protein Family	Interleukin-13 receptor
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.
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