Product Information

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Product Name: **immunoglobulin light chain variable region fragment [Homo sapiens]**

Catalog No.: A1071

Batch No.: 1

Description:

Immunoglobulins (Ig) are the antigen recognition molecules of B cells. An Ig molecule is made up of 2 identical heavy chains and 2 identical light chains joined by disulfide bonds so that each heavy chain is linked to a light chain and the 2 heavy chains are linked together. On each of the light chain, there is one variable region and a constant region. The variable region is the most important for binding to antigens.

The antigen combining site of an antibody is made up of the variable regions of one light chain and one heavy chain. Within the variable regions, typically comprising 105-110 amino acids, some positions show more sequence variation than others. The variable fragments are the smallest fragment made from enzymatic cleavage of IgG and IgM class antibodies.

Technical Data:

Molecular Formula:	$C_{40}H_{69}N_{11}O_{10}$
Molecular Weight (MW) :	864.04
One Letter Sequence:	H2N-FTLKISR-OH
Three Letter Sequence:	H2N-Phe-Thr-Leu-Lys-Ile-Ser-Arg-OH
Purity:	>98%

Return Policy:

Customers satisfaction is guaranteed with Apexbio's 365 days unconditional return and refund policy. In any case if you are not satisfied with our products, you may return the items within 365 days from the original purchase date, and refund will be processed after the product is returned.Please follow the below instructions when returning the products:

1. Please contact Apexbio at 1-832-696-8203 before shipping. Any items returned to Apexbio should be in the original packaging and in the same condition as originally purchased.
2. Return shipping is absolutely FREE.
3. Please inform us the tracking ID as well as the purchase order number after shipping the package.
4. Refund will be processed upon receipt of the returned package, and it usually takes 7-14 business days for the fund to be returned to your credit card.

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