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Datasheet for ABIN7505042

**Cathelicidin Protein (AA 134-170) (GST tag)**

## Overview

|                               |   |
|-------------------------------|---|
| Quantity:                     | 100 µg  |
| Target:                       | Cathelicidin (CAMP)                                 |
| Protein Characteristics:      | AA 134-170  |
| Origin:                       | Human   |
| Source:                       | Escherichia coli (E. coli)                          |
| Protein Type:                 | Recombinant   |
| Purification tag / Conjugate: | This Cathelicidin protein is labelled with GST tag. |

## Product Details

|                  |  |
|------------------|--|
| Sequence:        | Leu 134-Ser 170  |
| Characteristics: | A DNA sequence encoding the Human LL-37 protein (P49913) (Leu134-Ser170) was expressed with a GST. |
| Purity:          | >95 % as determined by reducing SDS-PAGE.  |

## Target Details

|                   |  |
|-------------------|--|
| Target:           | Cathelicidin (CAMP)  |
| Alternative Name: | LL-37 ( <a href="#">CAMP Products</a> )  |
| Background:       | <p>Background: Antimicrobial protein that is an integral component of the innate immune system. Binds to bacterial lipopolysaccharides (LPS). Acts via neutrophil N-formyl peptide receptors to enhance the release of CXCL2. Postsecretory processing generates multiple cath</p> <p>Synonym: Cathelicidin antimicrobial peptide, CAMP_HUMAN, CAMP, 18 kDa cationic</p> |

## Target Details

|                   |   |
|-------------------|---|
|                   | antimicrobial protein, CAP-18, hCAP-18, FALL39, HSD26             |
| Molecular Weight: | 28.96 kDa   |
| UniProt:          | <a href="#">P49913</a>  |
| Pathways:         | <a href="#">Cellular Response to Molecule of Bacterial Origin</a> |

## Application Details

|               |                       |
|---------------|-----------------------|
| Restrictions: | For Research Use only |
|---------------|-----------------------|

## Handling

|                  |  |
|------------------|--|
| Format:          | Lyophilized  |
| Buffer:          | Lyophilized from sterile PBS, pH 7.4.  |
| Storage:         | 4 °C,-20 °C,-80 °C   |
| Storage Comment: | Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C.<br>Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months. |
| Expiry Date:     | 12 months  |