

Datasheet for ABIN7607358

**PI3 Protein (AA 23-117) (His tag)**[Go to Product page](#)

## Overview

Quantity:	50 µg
Target:	PI3
Protein Characteristics:	AA 23-117
Origin:	Human
Source:	Mammalian Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This PI3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB), ELISA, Immunogen (Imm), Activity Assay (AcA)

## Product Details

Purpose:	Recombinant Human PI3 Protein, C-10*His (Active)
Purity:	>90 % as determined by SDS-PAGE.
Endotoxin Level:	<0.1 EU/µg of the protein by the LAL method.
Biological Activity Comment:	Measured by its ability to inhibit neutrophil elastase cleavage of the fluorogenic peptide substrate, MeOSuc-Ala-Ala-Pro-Val-7-amido-4-methylcoumarin (MeOSuc-AAPV-AMC). The IC50 value is <50 nM, as measured under the described conditions.

## Target Details

Target:	PI3
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## Target Details

Alternative Name:	PI3 ( <a href="#">PI3 Products</a> )
Background:	PI3, Elastase-specific inhibitor, WAP3, Elafin, Protease inhibitor WAP3, Peptidase inhibitor 3, PI-3, Skin-derived antileukoproteinase, SKALP, ESI, WFDC14, WAP four-disulfide core domain protein 14
UniProt:	<a href="#">P19957</a>

## Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

## Handling

Format:	Lyophilized
Buffer:	Lyophilized from a solution in PBS pH 7.4, 5 % Trehalose, 5 % Mannitol.
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8°C for one week. Store at -20 to -80°C for twelve months from the date of receipt.
Expiry Date:	12 months