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Datasheet for ABIN1001172

**SDCBP2 Protein (AA 19-328) (His tag)**

## Overview

Quantity:	10 µg
Target:	SDCBP2
Protein Characteristics:	AA 19-328
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This SDCBP2 protein is labelled with His tag.
Application:	Western Blotting (WB), Control (Ct)

## Product Details

Purpose:	ST-2 (Western Blot Control)
Sequence:	KFSKQSWGLE NEALIVRCPR QGKPSYTVDW YYSQTNKSIP KFSKQSWGLE NEALIVRCPR QGKPSYTVDW YYSQTNKSIP KFSKQSWGLE NEALIVRCPR QGKPSYTVDW YYSQTNKSIP KFSKQSWGLE NEALIVRCPR QGKPSYTVDW YYSQTNKSIP KFSKQSWGLE NEALIVRCPR QGKPSYTVDW YYSQTNKSIP KFSKQSWGLE NEALIVRCPR QGKPSYTVDW YYSQTNKSIP KFSKQSWGLE NEALIVRCPR QGKPSYTVDW YYSQTNKSIP LQYDCLALNL HGLRRHTVRL SRKNPSKECF
Characteristics:	recombinant ST2 comprises a 310 amino acid fragment (19-328) corresponding to the soluble ST2 coding sequence and is expressed in E. coli with an aminoterminal hexahistidine tag.
Purity:	> 95 %

## Target Details

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Target:	SDCBP2
Alternative Name:	ST-2 ( <a href="#">SDCBP2 Products</a> )
Background:	The ST2 gene is a member of the IL-1 receptor family, encoding a transmembrane protein with a structure similar to IL-1R1. A soluble form of the protein (ST2) is produced from the same gene by alternative splicing and is reported to be expressed in several cell types including fibroblasts and mast cells. Soluble ST2 has been reported to act as a negative regulator of Th2 cytokine production and elevated levels have been reported in several disease states and conditions including asthma, sepsis and myocardial infarction, Interleukin-1 Receptor-like 1, IL1R1, Homolog of mouse growth stimulation expressed gene, Homolog of mouse ST2
Molecular Weight:	39.5 kDa
UniProt:	<a href="#">Q01638</a>

## Application Details

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

## Handling

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Format:	Liquid
Buffer:	Supplied in 1x Laemmli Buffer (25 mM Tris-HCl pH 6.8, 50 mM DTT, 1 % (w/v) SDS, 0.1 % (w/v) Bromophenol Blue, 2.5 % Glycerol).
Preservative:	Dithiothreitol (DTT)
Precaution of Use:	This product contains Dithiothreitol (DTT): a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C