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Datasheet for ABIN1319061

## s100a4 Protein (AA 1-101) (GST tag)

1 Image

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### Overview

Quantity:	10 µg
Target:	s100a4 (S100A4)
Protein Characteristics:	AA 1-101
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This s100a4 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA)

### Product Details

Purpose:	S100A4 (Human) Recombinant Protein (P01)
Sequence:	MACPLEKALD VMVSTFHKYS GKEGDKFKLN KSELKELLTR ELPSFLGKRT DEAAFQKLMS NLDSNRDNEV DFQEYCVFLS CIAMMCDEFF EGFPDKQPRK K
Characteristics:	Human S100A4 full-length ORF ( AAH16300, 1 a.a. - 101 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

### Target Details

Target:	s100a4 (S100A4)
Alternative Name:	S100A4 ( <a href="#">S100A4 Products</a> )

## Target Details

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Background:	Full Gene Name: S100 calcium binding protein A4 Synonyms: 18A2,42A,CAPL,FSP1,MTS1,P9KA,PEL98
Gene ID:	6275
Pathways:	<a href="#">S100 Proteins</a>

## Application Details

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Application Notes:	Optimal working dilution should be determined by the investigator.
Comment:	Preparation method: in vitro, wheat germ expression system Product Quality tested by: 12.5% SDS-PAGE Stained with Coomassie Blue.
Restrictions:	For Research Use only

## Handling

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Buffer:	50 mM Tris-HCl, 10 mM reduced Glutathione, pH =8.0 in the elution buffer.
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-80 °C
Storage Comment:	Best use within three months from the date of receipt of this protein.

## Publications

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Product cited in:	Mencía, Selga, Rico, de Almagro, Villalobos, Ramirez, Adan, Hernández, Noé, Ciudad: "Overexpression of S100A4 in human cancer cell lines resistant to methotrexate." in: <b>BMC cancer</b> , Vol. 10, pp. 250, (2010) ( <a href="#">PubMed</a> ).
	Radestock, Willing, Kehlen, Hoang-Vu, Hombach-Klonisch: "Relaxin enhances S100A4 and promotes growth of human thyroid carcinoma cell xenografts." in: <b>Molecular cancer research : MCR</b> , Vol. 8, Issue 4, pp. 494-506, (2010) ( <a href="#">PubMed</a> ).

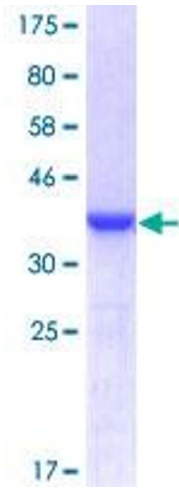


Image 1.