Datasheet for ABIN1319069

S100A7 Protein (AA 1-101) (GST tag)

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Overview

Quantity:	10 µg
Target:	S100A7
Protein Characteristics:	AA 1-101
Origin:	Human
Source:	Wheat germ
Protein Type:	Recombinant
Purification tag / Conjugate:	This S100A7 protein is labelled with GST tag.
Application:	Western Blotting (WB), ELISA, Affinity Purification (AP), Antibody Array (AA)

Product Details

Purpose:	S100A7 (Human) Recombinant Protein (P01)
Sequence:	MSNTQAERSI IGMIDMFHKY TRRDDKIDKP SLLTMMKENF PNFLSACDKK GTNYLADVFE KKDKNEDKKI DFSEFLSLLG DIATDYHKQS HGAAPCSGGS Q
Characteristics:	Human S100A7 full-length ORF (AAH34687.1, 1 a.a. - 101 a.a.) recombinant protein with GST-tag at N-terminal.
Purification:	in vitro wheat germ expression system

Target Details

Target:	S100A7
Alternative Name:	S100A7 (S100A7 Products)

Target Details

Background:	Full Gene Name: S100 calcium binding protein A7 Synonyms: PSOR1,S100A7c
Gene ID:	6278
Pathways:	S100 Proteins

Application Details

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

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

Product cited in:

Vegfors, Petersson, Kovács, Polyak, Enerbäck: "The expression of Psoriasin (S100A7) and CD24 is linked and related to the differentiation of mammary epithelial cells." in: **PLoS ONE**, Vol. 7, Issue 12, pp. e53119, (2013) (PubMed).

Shubbar, Vegfors, Carlström, Petersson, Enerbäck: "Psoriasin (S100A7) increases the expression of ROS and VEGF and acts through RAGE to promote endothelial cell proliferation." in: **Breast cancer research and treatment**, Vol. 134, Issue 1, pp. 71-80, (2012) (PubMed).

Gagnon, Kim, Schorge, Ye, Liu, Hasselblatt, Welch, Bandera, Mok: "Use of a combination of approaches to identify and validate relevant tumor-associated antigens and their corresponding autoantibodies in ovarian cancer patients." in: **Clinical cancer research : an official journal of the American Association for Cancer Research**, Vol. 14, Issue 3, pp. 764-71, (2008) (PubMed).

Images

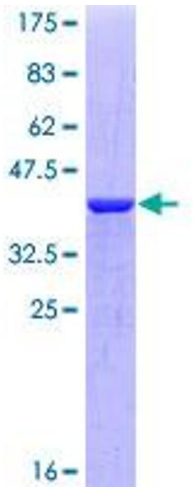

Image 1.