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Datasheet for ABIN7536475
S100A7 Protein (Fc Tag)

Overview

Quantity:	100 µg
Target:	S100A7
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This S100A7 protein is labelled with Fc Tag.

Product Details

Purpose:	Recombinant Human S100-A7 Protein
Sequence:	SNTQAERSII GMIDMFHKYT RRDDKIEKPS LLTMMKENFP NFLSACDKKG TNYLADVFEK KDKNEDKKID FSEFLSLLGD IATDYHKQSH GAAPCSGGSQ
Specificity:	Ser2-Gln101
Purity:	> 97 % by SDS-PAGE.
Sterility:	0.22 µm filtered
Endotoxin Level:	< 0.01EU/µg

Target Details

Target:	S100A7
Alternative Name:	S100-A7 (S100A7 Products)
Background:	Description: Protein S100-A7, also known as S100 calcium-binding protein A7, Psoriasin,

Target Details

S100A7, and PSOR1, is a secreted protein which belongs to the S-100 family. S100A7 was first isolated from skin involved by psoriasis, which can be induced in cultured squamous epithelial cells. S100A7 is expressed by both normal cultured and malignant keratinocytes and malignant breast epithelial cells within ductal carcinoma in situ, suggesting an association with abnormal pathways of differentiation. S100A7 plays a role in the pathogenesis of inflammatory skin disease, as a chemotactic factor for hematopoietic cells. It also plays a role in early stages of breast tumor progression in association with the development of the invasive phenotype.

Name: PSOR1, S100A7c, S100-A7, S100A7

Gene ID: 6278

UniProt: [P31151](#)

Pathways: [S100 Proteins](#)

Application Details

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Centrifuge the vial before opening. Reconstitute to a concentration of 0.1-0.5 mg/mL in sterile distilled water. Avoid vortex or vigorously pipetting the protein. For long term storage, it is recommended to add a carrier protein or stabilizer (e.g. 0.1 % BSA, 5 % HSA, 10 % FBS or 5 % Trehalose), and aliquot the reconstituted protein solution to minimize free-thaw cycles.

Concentration: 1.48 mg/mL

Buffer: Lyophilized from a 0.22 µm filtered solution of PBS, pH 7.4.

Storage: -20 °C, -80 °C

Storage Comment: Store the lyophilized protein at -20°C to -80°C for 12 months. After reconstitution, the protein solution is stable at -20°C for 3 months, at 2-8°C for up to 1 week.