Datasheet for ABIN7320360

S100A7A Protein (His tag,MBP tag)

1 Image

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Overview

Quantity:	50 µg
Target:	S100A7A
Origin:	Mouse
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This S100A7A protein is labelled with His tag,MBP tag.

Product Details

Purpose:	Recombinant Mouse S100A15/S100A7A Protein (His & MBP Tag)
Sequence:	Met 1-Tyr 108
Characteristics:	A DNA sequence encoding the mouse S100A7A (Q6S5I3) (Met 1-Tyr 108) was fused with the N-terminal polyhistidine-tagged MBP tag at the N-terminus.
Purity:	> 90 % as determined by SDS-PAGE

Target Details

Target:	S100A7A
Alternative Name:	S100A15/S100A7A (S100A7A Products)
Background:	Background: Koebnerisin is also known as protein S100-A7A (S100A7A), S100 calcium-binding protein A7-like 1 (S100A7L1) or S100 calcium-binding protein A15 (S100A15). Human S100A7A / S100A15 is a novel member of the S100 family of EF-hand calcium-binding proteins and was recently identified in psoriasis, where it is significantly upregulated in lesional skin. S100A7 is

Target Details

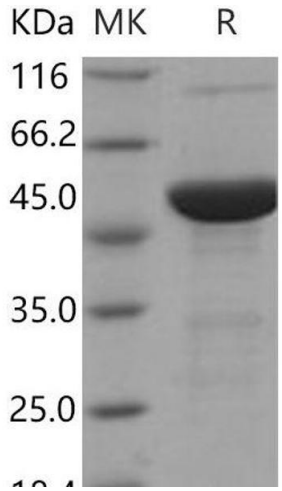
	expressed by both normal cultured and malignant keratinocytes and malignant breast epithelial cells within ductal carcinoma in situ, suggesting an association with abnormal pathways of differentiation. S100A7 plays a role in the pathogenesis of inflammatory skin disease, as a chemotactic factor for hematopoietic cells. It also plays a role in early stages of breast tumor progression in association with the development of the invasive phenotype. The association of the 11.2 kDa S100A7A / S100A15 with psoriasis suggests that it contributes to the pathogenesis of the disease and could provide a molecular target for therapy. Synonym: AY465109;Gm1020;S100a15;S100a15a;S100a17l1;S100A7f;S100A7L1
Molecular Weight:	56.5 kDa
UniProt:	Q6S5I3
Pathways:	Activation of Innate immune Response, S100 Proteins

Application Details

Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Please refer to the printed manual for detailed information.
Buffer:	Lyophilized from sterile PBS, pH 7.5
Storage:	4 °C,-20 °C,-80 °C
Storage Comment:	Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.



Western Blotting

Image 1.