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Datasheet for ABIN7504522

**S100A14 Protein (AA 2-104) (His tag)**

## Overview

Quantity:	100 µg
Target:	S100A14
Protein Characteristics:	AA 2-104
Origin:	Human
Source:	Escherichia coli (E. coli)
Protein Type:	Recombinant
Purification tag / Conjugate:	This S100A14 protein is labelled with His tag.

## Product Details

Purpose:	Human S100A14 Protein
Sequence:	Gly2-His104
Characteristics:	Recombinant Human S100A14 Protein is expressed from E.coli with His tag at the N-Terminus.It contains Gly2-His104.
Purity:	> 95 % as determined by Tris-Bis PAGE,> 95 % as determined by HPLC
Sterility:	0.22 µm filtered
Endotoxin Level:	Less than 1EU per µg by the LAL method.

## Target Details

Target:	S100A14
Alternative Name:	S100A14 ( <a href="#">S100A14 Products</a> )

## Target Details

Background:	S100A14 is one of the new members of the multi-functional S100 protein family. Expression of S100A14 is highly heterogeneous among normal human tissues, suggesting that the regulation of S100A14 expression and its function may be tissue- and context-specific.
Molecular Weight:	12.62 kDa same as Tris-Bis PAGE result.
NCBI Accession:	<a href="#">NP_065723</a>
Pathways:	<a href="#">Activation of Innate immune Response</a> , <a href="#">S100 Proteins</a>

## Application Details

Restrictions:	For Research Use only
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## Handling

Format:	Lyophilized
Reconstitution:	Centrifuge the tube before opening. Reconstituting to a concentration more than 100 µg/mL is recommended. Dissolve the lyophilized protein in distilled water.
Buffer:	Lyophilized from 0.22µm filtered solution in PBS ( pH 7.4). Normally 8 % trehalose is added as protectant before lyophilization.
Storage:	-20 °C,-80 °C
Storage Comment:	-20 to -80°C for 12 months as supplied from date of receipt.,-80°C for 3-6 months after reconstitution.,2-8°C for 2-7 days after reconstitution.,Recommend to aliquot the protein into smaller quantities for optimal storage. Please minimize freeze-thaw cycles.
Expiry Date:	12 months