

# Product Datasheet

## Recombinant Human S100A9 Protein H00006280-P01-10ug

Unit Size: 10 ug

Store at -80C. Avoid freeze-thaw cycles.

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**H00006280-P01-10ug****Recombinant Human S100A9 Protein**

<b>Product Information</b>	
<b>Unit Size</b>	10 ug
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at -80C. Avoid freeze-thaw cycles.
<b>Purity</b>	>80% by SDS-PAGE and Coomassie blue staining
<b>Buffer</b>	50 mM Tris-HCl, 10 mM reduced Glutathione, pH 8.0.
<b>Target Molecular Weight</b>	38.28 kDa

<b>Product Description</b>	
<b>Description</b>	<p>A recombinant protein with GST tag at N-terminal corresponding to the amino acids 1-114 of Human S100A9 full-length ORF</p> <p><b>Source:</b> <i>Wheat Germ (in vitro)</i></p> <p><b>Amino Acid Sequence:</b>  MTCKMSQLERNIETIINTFHQYSVKLGHPDTLNQGEFKELVRKDLQNFLKKENR  NEKVIEHIMEDLDTNADKQLSFEEFIMLMARLTWASHEKMHEGDEGPGHHHKP  GLGEGTP</p>
<b>Gene ID</b>	6280
<b>Gene Symbol</b>	S100A9
<b>Species</b>	Human
<b>Details of Functionality</b>	This protein was produced in an in vitro wheat germ expression system that should preserve correct conformational folding that is necessary for biological function. While it is possible that this protein could display some level of activity, the functionality of this protein has not been explicitly measured or validated.
<b>Notes</b>	This product is produced by and distributed for Abnova, a company based in Taiwan.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification
<b>Recommended Dilutions</b>	Western Blot, ELISA, Protein Array, Immunoaffinity Purification



## Publications

Vittecoq O, Lequerre T, Cosette P et al. Methods for predicting rheumatoid arthritis treatment response. United States Patent Application 2016-05-05 [PMID: 29981377]

Sun W, Xing B, Guo L et al. Quantitative Proteomics Analysis of Tissue Interstitial Fluid for Identification of Novel Serum Candidate Diagnostic Marker for Hepatocellular Carcinoma. Sci Rep 2016-05-24 [PMID: 27216119] (WB)

Maiseyeu A, Badgeley MA, Kampfrath T et al. In vivo targeting of inflammation-associated myeloid-related protein 8/14 via gadolinium immunonanoparticles. Arterioscler Thromb Vasc Biol. 2012-02-02 [PMID: 22308043]

Feng PH, Lee KY, Chang YL et al. CD14+S100A9 + Monocytic Myeloid-Derived Suppressor Cells and Their Clinical Relevance in Non-Small Cell Lung Cancer. Am J Respir Crit Care Med. 2012-09-06 [PMID: 22955317]

Shirley SH, von Maltzan K, Robbins PO, Kusewitt DF. Melanocyte and melanoma cell activation by calprotectin. J Skin Cancer. 2014-08-12 [PMID: 25197574]

Saha A, Lee YC, Zhang Z et al. Lack of an endogenous anti-inflammatory protein in mice enhances colonization of B16F10 melanoma cells in the lungs. J Biol Chem 285(14):10822-31. 2010-04-02 [PMID: 20118237]

Venkataraman N, Cole AL, Svoboda P et al. Cationic polypeptides are required for anti-HIV-1 activity of human vaginal fluid. J Immunol;175(11):7560-7. 2005-12-01 [PMID: 16301665]





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