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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

S100A9 (Human) Recombinant Protein (P01)

Catalog Number: H00006280-P01

Regulation Status: For research use only (RUO)

Product Description: Human S100A9 full-length ORF (AAH47681, 1 a.a. - 114 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MTCKMSQLERNIETIINTFHQYSVKLGHPDTLNQGEFK
ELVRKDLQNFLKKNRNEKVIHIMEDLDTNADKQLSF
EEFIMLMARLTWASHEKMHEGDEGPGHHHKPGLGEG
TP

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 38.28

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 6280

Gene Symbol: S100A9

Gene Alias: 60B8AG, CAGB, CFAG, CGLB, L1AG, LIAG, MAC387, MIF, MRP14, NIF, P14

Gene Summary: The protein encoded by this gene is a member of the S100 family of proteins containing 2 EF-hand calcium-binding motifs. S100 proteins are

localized in the cytoplasm and/or nucleus of a wide range of cells, and involved in the regulation of a number of cellular processes such as cell cycle progression and differentiation. S100 genes include at least 13 members which are located as a cluster on chromosome 1q21. This protein may function in the inhibition of casein kinase and altered expression of this protein is associated with the disease cystic fibrosis. [provided by RefSeq]

References:

1. Methods for predicting rheumatoid arthritis treatment response. Vittecoq O, Lequerre T, Cosette P, Boyer O, Le Loet X, Hardouin J, Obry A. United States Patent Application. 2016 May 05. US20160123992A1
2. Melanocyte and melanoma cell activation by calprotectin. Shirley SH, von Maltzan K, Robbins PO, Kusewitt DF J Skin Cancer. 2014;2014:846249. doi: 10.1155/2014/846249. Epub 2014 Aug 12.
3. CD14+S100A9 + Monocytic Myeloid-Derived Suppressor Cells and Their Clinical Relevance in Non-Small Cell Lung Cancer. Feng PH, Lee KY, Chang YL, Chan YF, Kuo LW, Lin TY, Chung FT, Kuo CS, Yu CT, Lin SM, Wang CH, Chou CL, Huang CD, Kuo HP. Am J Respir Crit Care Med. 2012 Sep 6.