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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

S100A10 (Human) Recombinant Protein (P01)

Catalog Number: H00006281-P01

Regulation Status: For research use only (RUO)

Product Description: Human S100A10 full-length ORF (AAH15973, 1 a.a. - 97 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPSQMEHAMETMMFTFHKFAGDKGYLTKEDLRVLM
KEFPGFLENQKDPLAVDKIMKDLQCRDQKVGFSFF
SLIAGLTIACNDYFVVHMKQKGGK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.41

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: 6281

Gene Symbol: S100A10

Gene Alias: 42C, ANX2L, ANX2LG, CAL1L, CLP11, Ca[1], GP11, MGC111133, P11, p10

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 exocytosis and endocytosis. [provided by RefSeq]

References:

1. Chemotactic Activity of S100A7 (Psoriasin) Is Mediated by the Receptor for Advanced Glycation End Products and Potentiates Inflammation with Highly Homologous but Functionally Distinct S100A15. Wolf R, Howard OM, Dong HF, Voscopoulos C, Boeshans K, Winston J, Divi R, Gunsior M, Goldsmith P, Ahvazi B, Chavakis T, Oppenheim JJ, Yuspa SH. J Immunol. 2008 Jul 15;181(2):1499-506.
2. Factor Xa Binding to Annexin 2 Mediates Signal Transduction via Protease-Activated Receptor 1. Bhattacharjee G, Ahamed J, Pawlinski R, Liu C, Mackman N, Ruf W, Edgington TS. Circ Res. 2008 Feb 29;102(4):457-64. Epub 2008 Jan 3.