

Recombinant Human S100A8 Protein, MYC/DDK-tagged

Cat. No. S100A8-294H Lot. No. (See product label)

SPECIFICATION

Product Overview Recombinant Human S100A8 Protein was expressed in HEK293 cells with C-terminal MYC/DDK.

Species Human

Source HEK293

Description 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 as a cytokine. Altered expression of this protein is associated with the disease cystic fibrosis. Multiple transcript variants encoding different isoforms have been found for this gene.

Form 25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.

Molecular Mass 10.7 kDa

Purity > 80% as determined by SDS-PAGE and Coomassie blue staining

Concentration >50 ug/mL as determined by microplate BCA method

GENE INFORMATION

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Gene Name	S100A8 S100 calcium binding protein A8 [Homo sapiens]
Official Symbol	S100A8
Synonyms	CD168; RHAMM; IHABP; RHAMM; Intracellular hyaluronic acid-binding protein
Gene ID	6279
mRNA Refseq	NM_002964
Protein Refseq	NP_002955
MIM	123885
UniProt ID	P05109

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