

Recombinant Human S100A9 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. S100A9-202H Lot. No. (See product label)

SPECIFICATION

Product Overview	S100A9 MS Standard C13 and N15-labeled recombinant protein (NP_002956) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
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 altered expression of this protein is associated with the disease cystic fibrosis. This antimicrobial protein exhibits antifungal and antibacterial activity. [provided by RefSeq, Nov 2014]
Molecular Mass	13.2 kDa
AA Sequence	MTCKMSQLERNIETIINTFHQYSVKLGHPDTLNQGEFKELVRKDLQNFLKKENKNEK VIEHIMEDLDTNADKQLSFEEFIMLMARLTWASHEKMHEGDEGPGHHHKPGLGEGT PTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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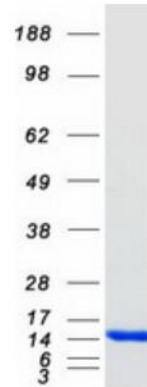
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	S100A9 S100 calcium binding protein A9 [Homo sapiens (human)]
Official Symbol	S100A9
Synonyms	S100A9; S100 calcium binding protein A9; CAGB, CFAG, S100 calcium binding protein A9 (calgranulin B), S100 calcium binding protein A9 (calgranulin B); protein S100-A9; 60B8AG; CGLB; LIAG; MAC387; MIF; MRP14; NIF; P14; MRP-14; calgranulin B; calgranulin-B; calprotectin L1H subunit; leukocyte L1 complex heavy chain; migration inhibitory factor-related protein 14; S100 calcium-binding protein A9 (calgranulin B); CAGB; CFAG; L1AG;
Gene ID	6280
mRNA Refseq	NM_002965
Protein Refseq	NP_002956
MIM	123886
UniProt ID	P06702

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SDS-PAGE



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