

Recombinant Human S100P Protein, MYC/DDK-tagged

Cat. No. S100P-234H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human S100P protein, fused to MYC/DDK-tag at C-terminal, was expressed in HEK293.
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; however, this gene is located at 4p16. This protein, in addition to binding Ca ²⁺ , also binds Zn ²⁺ and Mg ²⁺ . This protein may play a role in the etiology of prostate cancer. [provided by RefSeq, Jul 2008]
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10 % glycerol.
Molecular Mass	10.2 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	S100 calcium binding protein P [Homo sapiens]
Official Symbol	S100P
Synonyms	MIG9
Gene ID	6286
mRNA Refseq	NM_005980.2
Protein Refseq	NP_005971.1
MIM	600614
UniProt ID	P25815

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