Recombinant Human S100A14 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. S100A14-3018H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	S100A14 MS Standard C13 and N15-labeled recombinant protein (NP_065723) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the S100 protein family which contains an EF-hand motif and binds calcium. The gene is located in a cluster of S100 genes on chromosome 1. Levels of the encoded protein have been found to be lower in cancerous tissue and associated with metastasis suggesting a tumor suppressor function (PMID: 19956863, 19351828).
Molecular Mass	11.7 kDa
AA Sequence	MGQCRSANAEDAQEFSDVERAIETLIKNFHQYSVEGGKETLTPSELRDLVTQQLPHL MPSNCGLEEKIANLGSCNDSKLEFRSFWELIGEAAKSVKLERPVRGHTRTRPLEQKL ISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

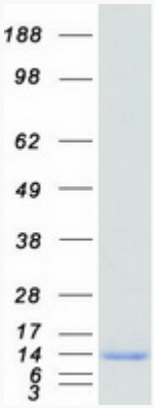
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	S100A14 S100 calcium binding protein A14 [Homo sapiens (human)]
Official Symbol	S100A14
Synonyms	S100A14; S100 calcium binding protein A14; protein S100-A14; BCMP84; S100A15; S114; S100 calcium-binding protein A14; breast cancer membrane protein 84;
Gene ID	57402
mRNA Refseq	NM_020672
Protein Refseq	NP_065723
MIM	607986
UniProt ID	Q9HCY8

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SDS-PAGE	

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