

Recombinant Human S100A14 Protein (1-104 aa), His-tagged

Cat. No. S100A14-2452H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human S100A14 Protein (1-104 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cancer. Protein Description: Full Length.
Species	Human
Source	Yeast
ProteinLength	1-104 aa
Description	Modulates P53/TP53 protein levels, and thereby plays a role in the regulation of cell survival and apoptosis. Depending on the context, it can promote cell proliferation or apoptosis. Plays a role in the regulation of cell migration by modulating the levels of MMP2, a matrix protease that is under transcriptional control of P53/TP53. Does not bind calcium.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	13.7 kDa
AA Sequence	MGQCRSANAEDAQEFSDVERAIETLIKNFHQYSVEGGKETLTPSELRLDVTQQLPHL MPSNCGLEEKIANLGSCNDSKLEFRSFWELIGEAAKSVKLERPVRGH
Purity	> 85% as determined by SDS-PAGE.

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Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA will be sent along with the products. Please refer to it for detailed information.

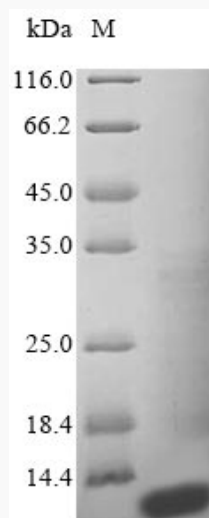
GENE INFORMATION

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

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(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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