
Recombinant Human S100-A14 Protein

Catalog Number: 230-01167

Data Sheet / Certificate of Analysis (CoA)

Last Revised: 11/12/2024

Source

Species	Human
Accession Number	Q9HCY8
Gene Symbols	S100A14
Synonyms	S100 calcium-binding protein A14, S114.
Expressed Region	Gly2-His104

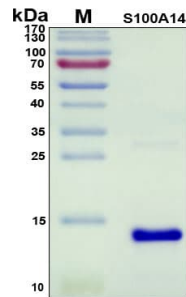
Preparation

Expression System	E. coli
Tag	N-terminal His-tag
Purity	>90%
Molecular Weight	12 kDa

Specifications

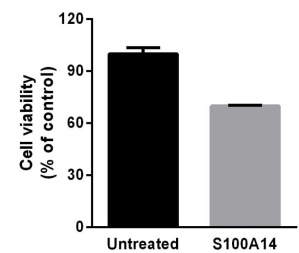
Format	Liquid
Formulation	Supplied as a 0.2 µm filtered solution in 40 mM Tris-HCl (pH 8.5), 50 mM NaCl, 200 mM Arginine.
Concentration	Refer to the label on the vial for the specific concentration, determined by Bio-Rad Bradford protein dye reagent concentrate.

SDS-PAGE Image



Activity

Decreasing cell viability significantly. Measured in a cell viability assay using HT-29 human colon cancer cells.



Shipping

The product is shipped with ice packs. Upon arrival, immediately store it at the temperature recommended below.

Storage/Stability

- Use a manual defrost freezer and avoid repeated freeze-thaw cycles.
- Upon arrival, the liquid protein may be stored for 2 weeks at 4°C.
- For long term storage, it is recommended to store at -20°C or -80°C in appropriate aliquots.
- Generally, the shelf life is up to 6 months from the date of receipt at -20°C or -80°C under sterile conditions.