

S100A11 Protein, Human

Cat. No.:	HY-P72482
Synonyms:	Protein S100-A11; Calgizzarin; MLN 70; Protein S100-C; S100A11
Species:	Human
Source:	E. coli
Accession:	P31949 (M1-T105)
Gene ID:	6282
Molecular Weight:	Approximately 12 kDa

PROPERTIES

AA Sequence	<p> M A K I S S P T E T E R C I E S L I A V F Q K Y A G K D G Y N Y T L S K T E F L S F M N T E L A A F T K N Q K D P G V L D R M M K K L D T N S D G Q L D F S E F L N L I G G L A M A C H D S F L K A V P S Q K R T </p>
Appearance	Lyophilized powder.
Formulation	Lyophilized from a 0.2 µm filtered solution of PBS, 1 mM DTT, pH 7.4.
Endotoxin Level	<1 EU/µg, determined by LAL method.
Reconstitution	It is not recommended to reconstitute to a concentration less than 100 µg/mL in ddH ₂ O. For long term storage it is recommended to add a carrier protein (0.1% BSA, 5% HSA, 10% FBS or 5% Trehalose).
Storage & Stability	Stored at -20°C for 2 years. After reconstitution, it is stable at 4°C for 1 week or -20°C for longer (with carrier protein). It is recommended to freeze aliquots at -20°C or -80°C for extended storage.
Shipping	Room temperature in continental US; may vary elsewhere.

DESCRIPTION

Background	S100A11 Protein plays a role in facilitating the differentiation and cornification of keratinocytes. It forms homodimers through disulfide linkages.
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Caution: Product has not been fully validated for medical applications. For research use only.

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