

Recombinant Human S100A16, His-tagged

Cat. No. S100A16-3724H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Total 113 AA. MW: 13.04 kDa (calculated). N-Terminal His-tag, 10 extra AA (highlighted).
Species	Human
Source	E.coli
Description	Protein S100-A16 is a protein that in humans is encoded by the S100A16 gene.
Form	Filtered (0,4 µm) and lyophilized in 0.5 mg/mL in 20mM TRIS, 150mM NaCl, pH 7.5.
Reconstitution	Add deionized water to prepare a working stock solution of approximately 0.5 mg/mL and let the lyophilized pellet dissolve completely. Product is not sterile! Please filter the product by an appropriate sterile filter before using it in the cell culture.
Applications	Western blotting
Quality Control Test	BCA to determine quantity of the protein; SDS PAGE to determine purity of the protein
Sequences of amino acids	MKHHHHHHAS MSDCYTELEK AVIVLVENFY KYVSKYSLVK NKISKSSFRE MLQKELNHML SDTGNRKAAD KLIQNLDANH DGRISFDEYW TLIGGITGPI AKLIHEQEQQ SSS
Storage	Store lyophilized protein at -20°C. Lyophilized protein remains stable until the expiry

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

date when stored at -20°C. Aliquot reconstituted protein to avoid repeated freezing/thawing cycles and store at -80°C for long term storage. Reconstituted protein can be stored at 4°C for a limited period of time; it does not show any change after one week at 4°C.

GENE INFORMATION

Gene Name	S100A16 S100 calcium binding protein A16 [Homo sapiens]
Official Symbol	S100A16
Synonyms	S100A16; S100 calcium binding protein A16; AAG13; S100F; DT1P1A7; MGC17528; protein S100-A16; protein S100-F; OTTHUMP00000032893; aging-associated protein 13; S100 calcium-binding protein A16; aging-associated gene 13 protein; Protein S100-A16; Aging-associated gene 13 protein; Protein S100-F
Gene ID	140576
mRNA Refseq	NM_080388
Protein Refseq	NP_525127
UniProt ID	Q96FQ6
Chromosome Location	1q21
Function	calcium ion binding; protein homodimerization activity

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