

Recombinant Mouse S100 Calcium Binding Protein A7A, His-tagged

Cat. No. S100a7a-6852M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse S100a7a protein, fused to His-tag at N-terminus, was expressed in E. coli and purified by using conventional chromatography techniques.
Species	Mouse
Source	E.coli
ProteinLength	1-108aa
Description	Mouse S100a7a is a protein of 104 amino acids with a predicted molecular weight of 12870 Da and two EF-hand calcium binding sites. It is expressed in both skin and keratinocytes. S100a7a expression is upregulated in cultured keratinocytes induced to differentiate by calcium or phorbol esters.
Form	Liquid. In 20mM Tris-HCl buffer (pH 8.0) containing 0.15M NaCl, 20% glycerol.
Molecular Mass	15 kDa (132aa) confirmed by MALDI-TOF
AA Sequence	MGSSHHHHHH SSGLVPRGSH MGSHPDTPV EDSLFQIIHC FHHYAAREGD KETLSLEELK ALLLDSVPRF MDTLGRQPY YITELFRAAD KNKDNQICFD EFLYLGLKLV KDYHLQFHRQ LCAHYCTEHS LY
Purity	>85% by SDS - PAGE

 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

Applications	SDS-PAGE
Storage	Can be stored at 4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -73°C. Avoid repeated freezing and thawing cycles.
Concentration	0.25 mg/ml (determined by Bradford assay)
GENE INFORMATION	
Gene Name	S100a7a S100 calcium binding protein A7A [Mus musculus]
Official Symbol	S100a7a
Synonyms	S100A7A; S100 calcium binding protein A7A; protein S100-A15A; S100 calcium binding protein A15; S100 calcium-binding protein A15; S100 calcium-binding protein A7A; S100 calcium-binding protein A15A; S100 calcium binding protein A7-like 1; Gm1020; S100A7f; S100a15; AY465109; S100A7L1; S100a15a; S100a17l1; MGC130261; MGC130262;
Gene ID	381493
mRNA Refseq	NM_199422
Protein Refseq	NP_955454
Function	calcium ion binding; metal ion binding; molecular_function;

 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