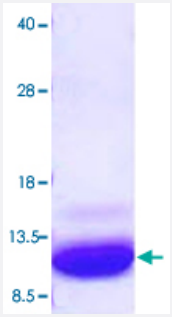
Full-Length

S100a1 (Mouse) Recombinant Protein

Catalog # P4346 Size 100 ug

Applications



Specification

Product Description	Mouse S100a1 (NP_035439, 1 a.a. - 94 a.a.) full-length recombinant protein with His tag expressed in *Escherichia coli*.
Sequence	MGSSHHHHHHSSGLVPRGSHMGSELESAMETLINVFHAHSGKEGDKYKLSKKELKDLLQTELSG FLDVQKDADAVDKVMKELDENGDGEVDFKEYVVLVAALTVACNNFFWETS
Host	Escherichia coli
Theoretical MW (kDa)	12.6
Form	Liquid
Preparation Method	*Escherichia coli* expression system
Purification	Conventional Chromatography
Concentration	1 mg/mL
Purity	> 90% by SDS-PAGE
Quality Control Testing	15% SDS-PAGE Stained with Coomassie Blue
Storage Buffer	In 20 mM Tris-HCl buffer, 0.1 M NaCl, pH 8.0 (1 mM DTT, 30% glycerol).

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Storage Instruction	Store at 2°C to 8°C for 1 week. For long term storage, aliquot and store at -20°C to -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- SDS-PAGE

Gene Info — S100a1

Entrez GeneID	20193
Protein Accession#	NP_035439
Gene Name	S100a1
Gene Alias	AI266795, S100, S100a
Gene Description	S100 calcium binding protein A1
Gene Ontology	Hyperlink
Other Designations	OTTMUSP00000024891

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