

Product Information

Recombinant Mouse S100a11, His tagged

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Catalog#	MK0661M
Product Name	Recombinant Mouse S100a11, His tagged
Product Overview	Recombinant Mouse S100a11 (NP_058020.1) (Met1-Ile98), fused with a polyhistidine tag at the N-terminus, was produced in E. coli.
Description	Protein S100-A11, also known as S100 calcium-binding protein A11, S100A11 and MLN70, is a member of the S-100 family. S100A11 is widely expressed in multiple tissues, and is located in cytoplasm, nucleus, and even cell periphery. S100A11 exists as a non-covalent homodimer with an antiparallel conformation. Ca(2+) binding to S100A11 would trigger conformational changes which would expose the hydrophobic cleft of S100A11 and facilitate its interaction with target proteins. As a dual cell growth mediator, S100
Source	E. coli
Species	Mouse
Tag	His
Formulation	Lyophilized from a sterile solution of PBS, pH 7.4, 10% glycerol, 5%~8% trehalose and mannitol.
Purity	>90% as determined by SDS-PAGE.
Storage	Store under sterile conditions at -20°C to -80°C. Avoid repeated freeze-thaw cycles.
Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution. Centrifuge the vial at 4°C before opening to recover the entire contents.
Molecular Mass	The recombinant mouse S100A11 consists of 114 amino acids and predicts a molecular mass of 13.2 KDa. It migrates as an approximately 14 KDa band in SDS-PAGE under reducing conditions.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Endotoxin	Less than 1.0 EU per µg as determined by the LAL method.
Notes	Research Use Only. Not for use in clinical procedures. Avoid repeated freeze-thaw cycles.