



Recombinant Mouse S100A15A

Catalog #	EPT156
Expression Host	E.coli
DESCRIPTION	Recombinant Mouse S100 Calcium Binding Protein A15A is produced by our E.coli expression system and the target gene encoding Met1-Tyr108 is expressed.
Accession	Q6S5I3
Synonyms	S100 calcium-binding protein A15A; Protein S100-A15A; Protein S100-A7A; S100 calcium-binding protein A7A; S100a15a
Mol Mass	12.9 KDa
AP Mol Mass	12 KDa, reducing conditions
Purity	Greater than 95% as determined by reducing SDS-PAGE.
Endotoxin	Less than 0.1 ng/μg (1 EU/μg) as determined by LAL test.
FORMULATION	Supplied as a 0.2 μm filtered solution of 20mM Tris-HCl, 100mM NaCl, 30% Glycerol, 1mM DTT, pH 8.0.





RECONSTITUTION

SHIPPING

The product is shipped on dry ice/polar packs.

Upon receipt, store it immediately at the temperature listed below.

STORAGE

Store at $\leq -70^{\circ}\text{C}$, stable for 6 months after receipt.

Store at $\leq -70^{\circ}\text{C}$, stable for 3 months under sterile conditions after opening.

Please minimize freeze-thaw cycles.

BACKGROUND

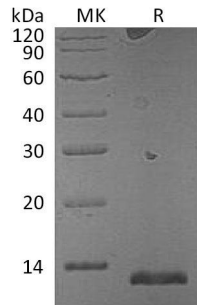
Members of the S100 protein family are involved in calcium- or zinc-dependent cellular functions and regulate immune-mechanisms, cell proliferation and differentiation. Some S100 members have been established as tumor markers because they are dysregulated during carcinogenesis. Psoriasin (S100A7) and koebnerisin (S100A15) are highly homologous proteins that have been first described in psoriasis, which is characterized by disturbed epidermal maturation and chronic inflammation. Several studies showed that the coexpression of the hS100A7 and hS100A15 in psoriasis suggests that both proteins participate in keratinocyte maturation, proliferation and/or skin inflammation.





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SDS-PAGE



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